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Compilation of Air Toxic and Trace Metal Summary Statistics

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Research Triangle Park, NC

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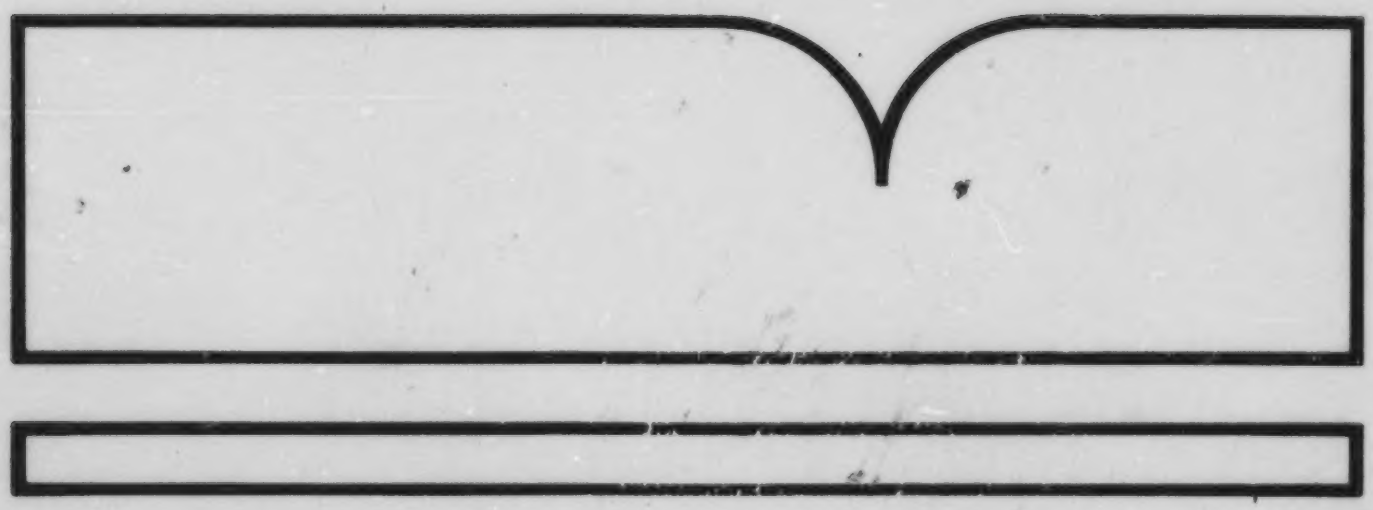

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This report summarizes both air toxic data compiled by Dr. Hanwant B. Singh of SRI International and selected trace metal and benzo(a)pyrene data contained on the National Aerometric Data Bank's (NADB) Storage and Retrieval of Aerometric Data (SAROAD). The pollutants, that are summarized, are listed in Tables 1 and 2. Table 1 is a list of 37 priority chemicals under assessment as potential carcinogens (Type A pollutants), while Table 2 lists 50 additional chemicals that are under assessment (Type B pollutants). Of the 37 pollutants listed in Table 1, data were obtained on 24 pollutants. This compares with finding information on only 17 of the 50 additional chemicals. In addition to the above pollutants, arsenic and benzene are summarized in Attachment A.

Emphasis has been placed on obtaining long-term averages to match the concern with chronic long-term exposure of human populations to these pollutants. A long-term averaging time may be appropriate for known and suspected carcinogens depending on the compounds ability to induce significant health impacts.

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Compilation of Air Toxic and Trace Metal Summary Statistics

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and
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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, NC 27711

July 1984

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COMPILATION OF AIR TOXIC AND TRACE METAL SUMMARY STATISTICS

1. INTRODUCTION

This report summarizes both air toxic data compiled by Dr. Hanwant B. Singh of SRI International[1] and selected trace metal and benzo(a)-pyrene data contained on the National Aerometric Data Bank's (NADB) Storage and Retrieval of Aerometric Data (SAROAD).[2] The pollutants, that are summarized, are listed in Tables 1 and 2. Table 1 is a list of 37 priority chemicals under assessment as potential carcinogens (Type A Pollutants), while Table 2 lists 50 additional chemicals that are under assessment (Type B Pollutants). Of the 37 pollutants listed in Table 1, data were obtained on 24 pollutants. This compares with finding information on only 17 of the 50 additional chemicals. In addition to the above pollutants, arsenic and benzene are summarized in Attachment A.

Emphasis has been placed on obtaining long term averages to match the concern with chronic long-term exposure of human populations to these pollutants. A long-term averaging time may be appropriate for known and suspected carcinogens depending on the compounds ability to induce significant health impacts.

2. OBJECTIVE

The principal objective of this report is to summarize the existing data by calculating long-term annual averages. In the case of the air toxic data compiled by Dr. Singh in his report, Volatile Organic Chemicals in the Atmosphere: An Assessment of Available Data, the information is generally spotty with few locations having sufficient data to calculate an annual mean. In order to achieve the maximum utilization of the available data on the Singh Data Base, quarterly arithmetic means were computed, as well as annual arithmetic means.

The information on trace metals, and benzo(a)pyrene (B(a)P) available on SAROAD, is far more complete with sufficient data available to calculate annual means in many locations. With respect to B(a)P, it should be pointed out there is a problem in underestimating its concentration, because part of the sample is destroyed during the collection probably by conversion into the epoxide. Although the product remains on the filter it is not detected in the analysis.[3,4]

3. DATA BASE AND COMPLETENESS CRITERIA

Both quarterly averages and annual means were calculated for the volatile organic chemical data available on the Singh Data Base. All available data are summarized in the tables which follow. While quarterly arithmetic means are listed with only one observation, the minimum criteria that we recommend is five observations per quarter. This is generally consistent with the existing NADB validity criteria, however, no stratification of the five observations among the months of the quarter is imposed. In order for a site to have a valid annual average,

Table 1. Summary of Information Available for List of 37 Priority Chemicals (Defined as Type A Pollutants)

Pollutant	Data Source
Acetaldehyde	Singh Data Base
Acrolein	" " "
Acrylonitrile	Singh Data Base
Allyl Chloride	N/A*
Benzyl Chloride	N/A
Beryllium	SAROAD
Cadmium	SAROAD
Carbon Tetrachloride	Singh Data Base
Chlorobenzene	N/A
Chloroform	Singh Data Base
Chloroprene	" " "
Coke Oven Emissions	SAROAD
o-,m-,p- Cresol	Singh Data Base
p-Dichlorobenzene	" " "
Dimethyl Nitrosamine	" " "
Dioxin	N/A
Epichlorohydrin	N/A
Ethylene Dichloride	N/A
Ethylene Oxide	N/A
Formaldehyde	Singh Data Base
Hexachlorocyclopentadiene	N/A
Maleic Anhydride	N/A
Manganese	SAROAD
Methyl Chloroform (1,1,1 trichloroethane)	Singh Data Base
Methylene Chloride (dichloromethane)	" " "
Nickel	SAROAD
Nitrobenzene	Singh Data Base
Nitrosomorpholine	N/A
Perchloroethylene	N/A
Phenol	Singh Data Base
Phosgene	" " "
Polychlorinated Biphenyls	N/A
Propylene Oxide	N/A
Toluene	Singh Data Base
Trichloroethylene	" " "
Vinylidene Chloride	" " "
o-,m,p-Xylene	" " "

*N/A - No data available

Table 2. Summary of Information Available for 50 Additional Chemicals Under Assessment (Designated as Type B Pollutants)

Pollutant	Data Source
Acetic acid	N/A*
Acetonitrile	N/A
Acrylamide	N/A
Ammonia	SAROAD
Barium carbonate	N/A
1,3 Butadiene	Singh Data Base
Carbon Disulfide	" " "
Carbonyl sulfide	" " "
Chlorine	N/A
Chloroacetic acid	N/A
Chloroethane (Ethyl chloride)	Singh Data Base
Chromium	SAROAD
Copper	SAROAD
Cumene	N/A
Cyclohexane	N/A
Dibenzofuran	N/A
1,2 Dibromoethane (Ethylene dibromide)	Singh Data Base
1,2 Dichloroethylene	" " "
Diethanolamine	N/A
Dioctylphthalate	N/A
Ethylbenzene	Singh Data Base
Ethyl ester acrylic acid (Ethylacrylate)	N/A
Ethylene	Singh Data Base
Ethylene glycol	N/A
Ethylene glycol monoethyl ether	N/A
Hexahydro-2H-Azepin-1-One (E-Caprolactam)	N/A
Isobutyraldehyde	N/A
Isopropyl alcohol	N/A
4,4 Isopropylidenediphenol	N/A
Melamine	N/A
Methanol	N/A
Methyl chloride	Singh Data Base
Methyl ethyl ketone	" " "
Methyl methacrylate	N/A
4,4 Methylenedianiline	N/A
Molybdenum trioxide	N/A
Napthalene	Singh Data Base
Pentachlorophenol	N/A
Phthalic anhydride	N/A
Propene (Propylene)	Singh Data Base
Propionaldehyde	N/A
Propylene dichloride	N/A
Styrene	Singh Data Base
Terephthalic acid	N/A
Tert-butyl alcohol	N/A
Titanium dioxide	N/A
1,2 Toluene diisocyanate	N/A
Vinyl acetate	N/A
Zinc	SAROAD
Zinc oxide	N/A

*N/A - No data available

it had to contain at least one winter quarter [quarter 1 (January - March) or quarter 4 (October - December)] and one summer quarter [quarter 2 (April - June) or quarter 3 (July - September)]. This requirement was made, because of the work of Paul J. Lioy, et. al.[5] which found seasonal differences in ambient volatile organic chemical between the summer and winter with winter averages higher than summer averages. Therefore, in calculating an annual arithmetic mean at least one summer and one winter quarter should be available in order to minimize bias. If a site had valid quarterly arithmetic means for any 3 quarters, an annual arithmetic mean would also be calculated. Ideally, four "valid" quarterly arithmetic means are preferred. This occurred only 34 times for a total of 8 volatile organic chemicals. Finally, in calculating the annual arithmetic means each quarter is weighted equally.

The trace metal, ammonia and benzo(a)pyrene data were taken from SAROAD. In order for a site to be listed it had to satisfy either the NADB validity criteria or contain at least 20 daily observations per year. In the event of chemical composite data, which are either monthly or quarterly, an annual arithmetic mean would be computed if it had at least 9 out of 12 monthly chemical composites or 3 out of 4 quarterly chemical composites.

4. STATISTICS

Arithmetic mean statistics were calculated for both quarterly and annual means for the volatile organic chemical (VOC) data. It is recognized that other measures of central location may be more appropriate depending upon the statistical distribution of the (VOC) pollutants. Since the data, however, is so spotty, it is difficult to examine the underlying statistical distributions of the VOC data. The spotty nature of the VOC data is complicated by the fact that the data consist of instantaneous data, data collected over several hours within a day, data collected for one 24-hour period or one measurement representing several days.

The number of observations associated with the quarterly and annual means are the number of 24-hour measurements or their equivalents. An equivalent 24-hour measurement is defined as either a single instantaneous reading in a day, an average of multiple readings within a day or one of several 24-hour periods contained in a long-term measurement lasting several days. All the VOC data have been summarized in terms of micrograms per cubic meter (ug/m^3).

In contrast to the VOC data, the trace metal data are collected using a high volume sampler. Only 24 hour measurements are made. Most of the trace metal data consist of annual arithmetic means of the individual 24-hour measurements. In some cases, the annual arithmetic mean may be based on either monthly or quarterly composites.

5. DATA QUALITY

Dr. H. Singh has assigned a data quality code to the volatile organic chemical data listed in Tables A-1 to A-20 and B-1 to B-13. The code can be sumarized as follows:

° 1: = 1.25 (Excellent)

° 2: = 1.50 (Good)

° 3: = 2.00 (Acceptable)

° 4: > 2.00 (Questionable)

° Z: Unable to assign quality.

Dr. Singh states in his report[1], that in many cases, the information that was available to make a quantitative assessment was lacking, and the authors relied on their own experience and judgment. Where enough information was available, the factor was used to establish the error limits of the data, such that the "true" concentration is within a factor of from the measured concentration (e.g. a measurement of 100 with quality code 2, = 1.5, means that the "true" concentration lies between 66.7 and 150). Their assignment of quality codes included consideration of the comments of the original researcher, the appropriateness of analytic techniques, the known limits of techniques, accuracy and magnitude of reported concentrations. It should be noted, however, that no probability is specified for the implied confidence interval, which in the above example says the true concentration lies between 66.7 and 150.

In addition to the data quality code assigned by Dr. Singh, the volatile organic chemical data in most cases is collected using the adsorbent tenax, which has recently become a cause for concern in itself. Tenax has been discovered to suffer from a number of serious problems as do other collection systems designed to collect many chemicals in the air at the same time. Among the most serious problems uncovered are:

1. chemicals in the sampled air can be transformed into other chemicals (artifact formation).

2. the collection of certain chemicals like chloroform has been found to have difficulties because of its instability in the absorbent.[1]

3. the collection of chemicals has been shown to vary with the flow rate.

4. the desorbtion of certain chemicals collected can be difficult.

5. the breakthrough (overloading) of certain chemicals on the tenax trap cannot be predicted.

Given the problems identified above, it is important to note that the system utilizing tenax is the best system available at this time. Improvements are being made to the collection system, such as distributed air volumes which give reproducible results. In addition to tenax, other absorbents are being considered which may be more reliable for more compounds than tenax.

6. RESULTS

Table 3 summarizes the number of sites with one or more 24-hour observations or equivalent, one or more valid quarters, and "valid" annual means for the 32 volatile organic chemicals, 19 of which are from the original list of 37 pollutants (designated Type A Pollutants) and 13 of which are from the supplemental list of 50 pollutants (designated Type B Pollutants). From the tables it can be seen that a total of 1206 sites had one or more observations, while only 498 sites had one or more "valid" quarters with considerably fewer sites, 96, having "valid" annual means. Of the total of 32 volatile organic chemicals only 14 pollutants have one or more sites with valid annual means. In summary, the data are extremely spotty.

About one third (31) of the 96 sites with valid annual means had means of zero meaning that all of the sampled values for the year were below the minimum detectable limit for the analysis method. The chemicals having the most non-zero annual means were toluene, trichloroethylene, and o,m,p-xylene. Toluene, an aromatic hydrocarbon, trichloroethylene, and o,m,p-xylene are very widely used chemical solvents having national annual emissions of over 1 million tons for toluene, 100,000 tons for trichloroethylene and 500,000 tons for o,m,p-xylene. The non-zero annual means reported represent, for the most part, locations in California and New Jersey. The highest annual mean reported for trichloroethylene was 6.34 ug/m^3 at Rutherford, N.J. in 1979. Background concentrations of this chemical are reported to be about 0.16 ug/m^3. The highest reported annual mean for toluene was 82.64 ug/m^3 at a site in Brooklyn, N.Y., while o-xylene reported an average of 8.26 ug/m^3 at Upland, California and m/p-xylene an average of 23.30 ug/m^3 at again Upland, California.

In sharp contrast to the volatile organic data, is the summary information available for trace metals, benzo(a)pyrene and ammonia. Table 4 summarizes the number of sites satisfying the NADB validity criteria for an annual mean or those having at least 20 daily observations, or 9 out of 12 monthly composites or 3 out of 4 quarterly composites.

The number of cities represented for the trace metals, ammonia, and benzo(a)pyrene (BaP) with at least one site having an annual arithmetic mean vary from a high of 312 cities for cadmium to a low of 46 cities with BaP data. Cities with 2 or more sites vary from 57 for copper to 1 for BaP. About one-half of the cities having 2 or more sites are located in the State of Texas since that state monitors extensively for trace metals.

7. POLLUTANT SPECIFIC DATA SUMMARIES

The pollutant specific data summaries which follow, are divided into the Type A Pollutants (the subset of the 37 priority chemicals under assessment for which data is available) and the Type B Pollutants (the subset of the 50 additional chemicals that are under assessment for which data is available). Tables A-1 through A-20 are the Type A

Table 3. Summary of Sites with Quarterly and Annual Averages for the Volatile Organic Chemical Data Available on the Singh Data Base

Pollutants	Volatile Organic Chemicals	No. of Sites		
		One or More Obsn(s)	One or More Valid Quarters	Valid Annual Means
Type A	Acetaldehyde	9	0	0
	Acrolein	2	1	0
	Acrylonitrile	34	0	0
	Carbon Tetrachloride	121	44	8(6)*
	Chloroform	105	39	8(6)
	Chloroprene	1	0	0
	o-,m-,p- Cresol	6	6	0
	p-Dichlorobenzene	28	6	1
	Dimethyl Nitrosamine	29	1	0
	Formaldehyde	14	8	4
	Methyl Chloroform (1,1,1 trichloroethane)	115	36	2
	Methylene Chloride (dichloromethane)	49	19	0
	Nitrobenzene	21	9	7(6)
	Phenol	9	6	0
	Phosgene	10	9	0
	Toluene	77	45	12
	Trichloroethylene	113	43	8
	Vinylidene Chloride	41	12	6(6)
	o-,m,p-Xylene	131	82	16
Type B	1,3 Butadiene	15	1	0
	Carbon Disulfide	2	1	0
	Carbonyl Sulfide	4	1	0
	Chloroethane (ethyl chloride)	7	4	0
	1,2 Dibromoethane (ethylene dibromide)	55	23	6(1)
	1,2 Dichloroethylene	32	10	
	Ethylbenzene	40	20	0
	Ethylene	30	12	6
	Methyl chloride	20	20	0
	Methyl ethyl ketone	9	6	6(6)
	Napthalene	13	10	0
	Propene (Propylene)	32	14	6
	Styrene	32	10	0

*(N) - Number of sites whose annual average was below minimum detectable limit.

Table 4. Summary of Cities with One or More Sites of Annual Averages for the Trace Metal Data on SAROAD

Pollutants	Trace Metal	No. of Cities	
		One Site With Annual Mean	Two or More Sites with Annual Mean
Type A	Beryllium	186	37
	Cadmium	312	49
	Coke Oven Emissions (Benzo(a)pyrene)	46	1
	Manganese	301	51
	Nickel	258	43
Type B			
	Ammonia	48	13
	Chromium	200	32
	Copper	284	57
	Zinc	292	47

volatile organic chemical pollutants for which there are data, while Tables A-21 through A-25 are the Type A trace metal data. Similarly, Tables B-1 through B-13 are the Type B volatile organic chemical pollutants for which there are data, while Tables B-14 through B-17 are the Type B trace metal data.

A map of the contiguous 48 states is provided for each of the Type A and B Pollutants, showing the location of each monitoring site having data. In the case of the VOC data, sites are indicated for any monitor collecting one or more observations over the period, 1970 to 1980. The trace metal data represent sites operating over the period, 1979 to 1982.

7.1 Volatile Organic Chemical (VOC) Pollutant Summaries

The VOC data are summarized in Tables A-1 through A-20 and B-1 through B-13. They are summarized according to the following format:

	SI	DA	S	A		--QTR 1--		--QTR 2--		--QTR 3--		--QTR 4--		-- Annual--	
City	TE	TA	M	M	QUAL	YR	CNT	AVERAGE	CNT	AVERAGE	CNT	AVERAGE	CNT	AVERAGE	QTRS	AVERAGE

The individual terms are defined as follows:

City = the state and city location of the site.

SI= the site type (UR = urban, RE = remote, SU = suburban, TE RU = rural, and SR = source related)

DA= the data type [IN = instantaneous, HR = hourly avg. TA DA = daily avg; IA = integrated avg. (1 to 7 days) and LT = long-term avg. (>7 days)]

S= Sampling Method-- Method by which the samples were collected, coded M as follows:

A = Direct

B = Pressurized canisters

C = Absorbing resin

D = Absorbing cartridge (Tenax)

E = Bag samples

F = Cold trap

G = Bubbler

H = High volume sampler

A= Analytic Method--Method by which the samples were analyzed, coded
M as follows:

A = GC-ECD (gas chromatography - electron capture detection)
B = GC-FID or GC-FPD (flame ionization or photometric detection)
C = GC-EC/coul (electron capture/coulometric)
D = Chemiluminescence
E = GLC-TEA (gas liquid chromatography - thermal electron activation)
F = FTIR (Fourier transform infrared)
G = Total hydrocarbon analyzer
H = GC-PID (photoionization detection)
I = Bioassay
J = GC/MS
K = GC-MPD (microwave plasma detection)
L = Wet chemical techniques.

QUAL = Singh quality code (defined in Section 5)

YR = Year

QTR 1, 2, 3, and 4 = Quarter 1 (January - March), Quarter 2 (April - June) Quarter 3 (July - September) and Quarter 4 (October - December)

CNT = no of 24-hour measurements or equivalents there are in the quarterly average

AVERAGE = the arithmetic mean quarterly average

ANNUAL QTRS AVERAGE = the number of quarterly averages contained in the annual arithmetic mean, followed by the annual mean, which is weighted equally by quarter for those quarters with at least 5 or more observations.

7.2 Trace Metal Pollutant Summary

The trace metal data are summarized in Tables A-21 through A-25 and B-14 through B-17. They are summarized according to the following format:

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH

The individual terms are defined as follows:

ST - State abbreviation

City Name - The name of the city, county, or area where the sampling took place.

The following six items refer to the site reporting the highest annual average.

Site Code - the SAROAD site code which identifies the location of the monitor within the city
Mtd - the method of sampling[6]
Int - the time interval over which the sampling took place[4]
Unt - the units of measurement (1-micrograms per cubic meter
3-nanograms per cubic meter)
Yr - the year of sampling with the highest annual average
OBS - the number of observations reported for this year
1st - the highest reported annual average
2nd - the second highest reported annual average
3rd - the third highest reported annual average
4th - the fourth highest reported annual average

The use of the heading "city name" is a slight misnomer since in some cases the air quality information does not represent sites located in a city but instead sites in counties or even in national parks. The SAROAD area code (the 3rd through the 6th digits in site code) was used to geographically arrange the sites into these groups. The first two digits of the site code identifies the state[6] e.g. 01-Alabama, 02-Alaska etc., etc. The years 1979 to 1982 were used to obtain the most recent and reliable estimates of annual averages with the exception of Benzo(a)pyrene, where 1977 and 1978 were included to increase the annual averages reported, since very few averages for BaP were found in the 1979-82 time period. Averages were reported which had at least 20 24-hour observations, 3 quarterly composites, or 9 monthly composites reported for the year. The four highest annual averages are presented in order to define the highest annual averages reported in a given area.

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NOTES/COMMENTS

Table A-1. Summary of Quarterly and Annual Average Statistics for Acetaldehyde

POLLUTANT(034): ACETALDEHYDE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- QTR 1 -- CNT	AVERAGE	-- QTR 2 -- CNT	AVERAGE	-- QTR 3 -- CNT	AVERAGE	-- QTR 4 -- CNT	AVERAGE	- ANNUAL - QTRS	AVERAGE
CA LOS ANGELES	SR	HR	D	J	3.00	76			1	125.						
CO RIO BLANCO CN	RE	DA	E	B	4.00	78					1	6.14				
NJ EDISON	SR	DA	D	J	3.00	76	2	27.7	2	10.9	1	9.19				
OK TULSA	UR	DA	E	B	4.00	78					1	6.89				
TN SMOKEY MT NP	RE	DA	E	B	4.00	78					1	5.08				
TX JONES ST FRST	RU	DA	E	B	4.00	78	2	9.12								
WV BELLE	SR	IA	D	J	3.00	75							1	9.80		
WV NITRO	SR	IA	D	J	4.00	75							1	ZERO		
WV S CHARLESTON	SR	IA	D	J	4.00	75							1	ZERO		

Table A-2. Summary of Quarterly and Annual Average Statistics for Acrolein

POLLUTANT(039): ACROLEIN

C I T Y	SITE	DAHR	STAT	METH	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CA LOS ANGELES	UR	HR	G	L	3.00	61					2	19.6	6	16.5		
NJ EDISON	SR	DA	D	J	3.00	76			2	0.51	1	1.02				

Table A-3. Summary of Quarterly and Annual Average Statistics for Acrylonitrile

POLLUTANT(042): ACRYLONITRILE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- Q T R 1 -- CNT	AVERAGE	-- Q T R 2 -- CNT	AVERAGE	-- Q T R 3 -- CNT	AVERAGE	-- Q T R 4 -- CNT	AVERAGE	- A N N U A L - QTRS	AVERAGE
AL DECATUR	SR	IA	D	B	2.00	78	1	1.10								
AL DECATUR	SR	IA	D	B	2.00	78	1	3.70								
AL DECATUR	SR	IA	D	B	2.00	78	1	4.20								
AL DECATUR	SR	IA	D	B	2.00	78	1	1.45								
KY LOUISVILLE	SR	IA	D	B	2.00	78			1	4.30						
LA NEW ORLEANS	SR	IA	D	B	2.00	78	1	11.0								
NJ LINDEN	SR	IA	D	B	2.00	78	1	0.70								
NJ LINDEN	SR	IA	D	B	2.00	78	1	15.9								
NY TRAVIS	SR	IA	D	B	2.00	78	1	1.60								
OH ADDYSTON	SR	IA	D	B	2.00	78			1	0.90						
OH ADDYSTON	SR	IA	D	B	2.00	78			1	1.10						
OH LIMA	SR	IA	D	B	2.00	78			1	14.5						
OH LIMA	SR	IA	D	B	2.00	78			1	142.						
OH LIMA	SR	IA	D	B	2.00	78			1	16.1						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	0.70						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	3.10						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	0.90						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	0.40						
SC LUGOFF	SR	IA	D	B	2.00	78	2	0.25								
SC LUGOFF	SR	IA	D	B	2.00	78	2	0.30								
SC LUGOFF	SR	IA	D	B	2.00	78	2	0.20								
SC LUGOFF	SR	IA	D	B	2.00	78	2	0.30								
SC LUGOFF	SR	IA	D	B	2.00	78	2	1.10								
SC LUGOFF	SR	IA	D	B	3.00	78	2	0.10								
SC LUGOFF	SR	IA	D	B	3.00	78	2	0.10								
TX TEXAS CITY	SR	IA	D	B	2.00	78	1	2.30								
TX TEXAS CITY	SR	IA	D	B	2.00	78	1	5.20								
TX TEXAS CITY	SR	IA	D	B	2.00	78	1	8.90								
TX TEXAS CITY	SR	IA	D	B	2.00	78	1	2.60								
TX TEXAS CITY	SR	IA	D	B	2.00	78	1	2.10								
VA WAYNESBORO	SR	IA	D	B	2.00	78	1	7.00								
WV WASHINGTON	SR	IA	D	B	2.00	78			1	249.						
WV WASHINGTON	SR	IA	D	B	2.00	78			1	83.7						
WV WASHINGTON	SR	IA	D	B	2.00	78			1	0.30						

Table A-4. Summary of Quarterly and Annual Average Statistics for Carbon Tetrachloride

POLLUTANT(007): CARBON TETRACHLORIDE

CITY	SITE	DAS	MM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D J	4.00	77			10	ZERO						
AR EL DORADO	SR	DA	D J	4.00	78			8	5.29	3	4.60				
AR HELENA	RU	DA	E A	2.00	76							1	0.89		
AZ GRAND CANYON	RE	LT	D J	4.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B A	2.00	79			11	1.72						
CA BADGER PASS	RE	LT	B A	2.00	76			5	0.72						
CA BADGER PASS	RE	LT	B A	2.00	77			8	0.79						
CA EL CAJON	UR	IN	B A	2.00	75			1	0.63						
CA LA JOLLA	SU	IN	B A	2.00	74	.		3	0.58	1	0.75	1	1.38		
CA LA JOLLA	SU	IN	B A	2.00	75	3	0.71	5	0.57	1	1.13	2	0.88		
CA LA JOLLA	SU	DA	B A	2.00	76	1	0.38								
CA LOS ANGELES	UR	IN	B A	2.00	74			1	2.20						
CA LOS ANGELES	UR	LT	B A	2.00	76			5	0.84						
CA LOS ANGELES	UR	DA	B A	2.00	79			10	1.43						
CA LOS ANGELES	UR	DA	A A	2.00	72					2	1.42	1	1.49		
CA LYTTON LAKE	RE	IN	B A	3.00	75							1	ZERO		
CA MENLO PARK	UR	LT	B A	2.00	75							6	0.76		
CA MILL VALLEY	SU	LT	B A	2.00	77	26	0.83								
CA MT CUYAMACA	RU	DA	B A	2.00	75	1	0.50								
CA OAKLAND	UR	DA	B A	2.00	79			1	0.69	8	1.06				
CA ORANGE CNTY	UR	DA	B A	2.00	74			1	0.71						
CA PALM SPRINGS	SU	LT	B A	2.00	76			6	0.74						
CA POINT ARENA	RE	LT	B A	2.00	77			7	0.77						
CA POINT ARENA	RE	LT	B A	2.00	78					6	0.79				
CA PT REYES	RU	LT	B A	2.00	75							10	0.81		
CA RIVERSIDE	UR	LT	B A	2.00	77			9	0.91			•			
CA RIVERSIDE	UR	DA	B A	2.00	80					11	1.10				
CA S.BERNADINOMT	RU	DA	A A	2.00	72							1	1.13		
CA SAN JOSE	UR	LT	B A	2.00	78					6	0.84				
CA SANTA MONICA	UR	IN	B A	2.00	74			1	0.75						
CA TORRANCE	UR	HR	D J	4.00	76			1	38.1						
CA UPLAND	SR	DA	D J	4.00	77					17	0.17				
CO DENVER	UR	DA	B A	2.00	80			11	1.10						
DC WASHINGTON	UR	IN	B A	2.00	74	1	0.63								
DE DELAWARE CTY	UR	DA	A A	2.00	74					2	0.57				
IL CHICAGO	SR	DA	B A	2.00	74			1	0.50						
IL CHICAGO	UR	IN	B A	2.00	74			1	0.31						
KS JETMORE	RU	LT	B A	2.00	78			6	0.81						
LA BATON ROUGE	SR	DA	D J	4.00	77	3	0.35	8	0.05						
LA BATON ROUGE	SR	DA	E A	2.00	76							2	11.2		
LA BATON ROUGE	SR	DA	D J	4.00	77	1	0.19								
LA GEISMAR	SR	DA	D J	4.00	77	1	2.14								
LA GEISMAR	SR	DA	E A	2.00	76							2	57.5		
LA LAKE CHARLES	SR	DA	E A	2.00	76							2	1.64		
LA LAKE CHARLES	UR	DA	D J	4.00	78			3	5.90						
LA PLAQUEMINE	SR	LT	D J	4.00	77	3	0.61								
MD BALTIMORE	UR	DA	A A	2.00	74					1	0.75				
MO ST LOUIS	UR	DA	B A	2.00	80			10	0.80						
NJ BATSTO	UR	DA	D B	4.00	79	5	ZERO	6	ZERO	15	ZERO	16	ZERO	4	ZERO

Table A-4. Summary of Quarterly and Annual Average Statistics for Carbon Tetrachloride

POLLUTANT(007): CARBON TETRACHLORIDE

CITY	SITE	TA	M	M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
NJ BAYONNE	UR	LT	A	A	2.00	73	31	10.3	91	10.3	92	10.3	91	10.3	4	10.3
NJ BOUND BROOK	SR	DA	D	J	4.00	78					2	3.68				
NJ BRIDGEPORT	SR	HR	D	J	4.00	77					1	ZERO				
NJ BRIDGEPORT	SR	HR	D	J	4.00	77					1	ZERO				
NJ BRIDGEWATER	UR	DA	D	B	4.00	78					4	1.31				
NJ BURLINGTON	SR	HR	D	J	4.00	77					1	ZERO				
NJ CAMDEN	UR	DA	D	B	4.00	79			8	ZERO	13	ZERO	2	ZERO	2	ZERO
NJ CARLSTADT	SR	DA	D	J	4.00	78					2	9.70				
NJ CLIFTON	UR	HR	D	J	4.00	76	1	ZERO								
NJ DEEPWATER	SR	DA	D	J	4.00	77			1	0.03						
NJ EDISON	SR	DA	D	J	4.00	78					2	4.24				
NJ EDISON	SR	DA	D	J	4.00	76	2	2.22	2	3.31	1	5.34				
NJ ELIZABETH	UR	DA	D	B	4.00	79	13	ZERO	11	ZERO	16	ZERO	14	ZERO	4	ZERO
NJ ELIZABETH	SR	DA	D	J	4.00	78					9	8.61				
NJ FORDS	UR	HR	D	J	4.00	76	1	0.34								
NJ FORDS	SR	DA	D	J	4.00	78					2	8.33				
NJ HOBOKEN	UR	HR	D	J	4.00	76	1	0.83								
NJ LINDEN	SR	DA	D	J	4.00	77			1	0.02						
NJ MIDDLESEX	UR	DA	D	B	4.00	78					4	ZERO				
NJ NEW BRUNSWICK	SU	IN	A	C	2.00	73										
NJ NEWARK	UR	DA	D	B	4.00	78			21	0.13			1	1.07		
NJ NEWARK	UR	DA	D	B	4.00	79	8	ZERO	12	ZERO	15	ZERO	4	5.90		
NJ PASSAIC	UR	HR	D	J	4.00	76	1	ZERO					15	ZERO	4	ZERO
NJ PATERSON	UR	HR	D	J	4.00	76	1	ZERO								
NJ RAHWAY	SR	DA	D	J	4.00	78					2	5.81				
NJ RUTHERFORD	UR	DA	D	B	4.00	78			15	0.45	6	0.27	9	3.75	3	1.49
NJ RUTHERFORD	UR	DA	D	B	4.00	79	10	ZERO	7	ZERO	14	ZERO	15	ZERO	4	ZERO
NJ SANDY HOOK	SU	DA	A	A	2.00	74					3	1.38				
NJ SEA GIRT	SU	DA	A	A	2.00	74			1	1.45						
NJ SOMERSET	UR	DA	D	B	4.00	78					6	5.27				
NJ SOUTH AMBOY	UR	DA	D	B	4.00	79	10	ZERO	12	ZERO	13	ZERO	13	ZERO	4	ZERO
NV HENDERSON	SR	DA	D	J	4.00	79	1	0.70								
NV LAS VEGAS	UR	DA	D	J	4.00	79	1	0.21								
NV MONTGOMERY PS	RE	IN	B	A	2.00	75			1	0.19						
NV REESE RIVER	RE	LT	B	A	2.00	77			6	0.00						
NY NEW YORK	UR	DA	A	A	2.00	74			1	1.70						
NY WHITEFACE MT	RE	DA	A	A	2.00	74					3	1.64				
OH WILMINGTON	RU	DA	A	A	2.00	74					10	1.26				
OK LIBERTY MOUND	RU	IA	D	J	4.00	77					2	ZERO				
OK TULSA	UR	IA	D	J	4.00	77					2	ZERO				
OK VERA	SU	IA	D	J	4.00	77					1	ZERO				
PA BRISTOL	SR	HR	D	J	4.00	77					1	ZERO				
PA MARCUS HOOK	SR	HR	D	J	4.00	77					1	ZERO				
PA N PHILADELPHI	SR	IA	D	J	4.00	77					1	ZERO				
TX ALDINE	UR	IA	D	J	4.00	77			1	ZERO	1	ZERO	1	ZERO		
TX DEER PARK	SR	HR	D	J	4.00	76					2	0.18				
TX EL PASO	SR	DA	D	J	4.00	78			15	0.66						
TX FREEPORT	SR	HR	D	J	4.00	76					1	5.77				
TX FREEPORT	SR	DA	E	A	2.00	76							3	3.06		

Table A-4. Summary of Quarterly and Annual Average Statistics for Carbon Tetrachloride

POLLUTANT(007): CARBON TETRACHLORIDE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- Q T R 1 -- CNT	AVERAGE	-- Q T R 2 -- CNT	AVERAGE	-- Q T R 3 -- CNT	AVERAGE	-- Q T R 4 -- CNT	AVERAGE	- A N N U A L - QTRS	AVERAGE
TX HOUSTON	SR	HR	D	J	4.00	76					1	0.12				
TX HOUSTON	UR	DA	D	J	4.00	77					10	ZERO				
TX HOUSTON	UR	DA	B	A	2.00	80			10	2.66						
TX HOUSTON	UR	IA	D	J	4.00	77			1	0.22	1	ZERO	1	ZERO		
TX HOUSTON	UR	IA	D	J	4.00	77							2	ZERO		
TX HOUSTON	UR	DA	A	A	2.00	76					24	2.17				
TX LAPORTE	SR	DA	D	J	4.00	76					1	0.41				
TX PASADENA	SR	HR	D	J	4.00	76					1	0.07				
UT MAGNA	SR	DA	D	J	4.00	77							10	0.06		
VA FRONT ROYAL	UR	DA	D	J	4.00	77					1	0.02	3	0.12		
WA AUBURN	SR	DA	E	A	2.00	77	2	0.70								
WV BELLE	SR	IA	D	J	4.00	75							1	ZERO		
WV CHARLESTON	UR	LT	D	J	4.00	77					1	ZERO	6	0.18		
WV INSTITUTE	SU	IA	D	J	4.00	77							2	0.22		
WV NITRO	SR	IA	D	J	4.00	75							1	ZERO		
WV NITRO	SR	IA	D	J	4.00	77					1	ZERO				
WV NITRO	SR	IA	D	J	4.00	77							1	ZERO		
WV NITRO	SR	IA	D	J	4.00	77					1	ZERO	3	0.03		
WV S CHARLESTON	SR	IA	D	J	4.00	75							1	60.0		
WV S CHARLESTON	SR	DA	D	J	4.00	77	10	ZERO								
WV S CHARLESTON	UR	IA	D	J	4.00	77					2	ZERO	3	0.91		
WV ST. ALBANS	SU	IA	D	J	4.00	77					2	ZERO	2	1.81		
WV W. BELLE	SU	IA	D	J	4.00	77					2	ZERO	4	ZERO		

Table A-5. Summary of Quarterly and Annual Average Statistics for Chloroform

POLLUTANT(006): CHLOROFORM

CITY	SITE	DATA	SAMP	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D	J 3.00	77			10	0.32						
AR EL DORADO	SR	DA	D	J 3.00	78			6	10.9	3	10.1				
AZ GRAND CANYON	RE	LT	D	J 3.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B	A 1.00	79			11	0.53						
CA BADGER PASS	RE	LT	B	A 1.00	76			5	0.08						
CA BADGER PASS	RE	LT	B	A 1.00	77			8	0.08						
CA EL CAJON	UR	IN	B	A 2.00	75			1	3.86						
CA LA JOLLA	SU	IN	B	A 2.00	74			3	1.69	1	0.93	1	2.39		
CA LA JOLLA	SU	IN	B	A 2.09	75	3	2.44	5	3.62	1	1.95	2	0.83		
CA LA JOLLA	SU	DA	B	A 3.00	76	1	ZERO								
CA LOS ANGELES	UR	IN	B	A 2.00	74			1	1.76						
CA LOS ANGELES	UR	LT	B	A 1.00	76			5	0.50						
CA LOS ANGELES	UR	DA	B	A 1.00	79			9	0.43						
CA LYTTON LAKE	RE	IN	B	A 3.00	75							1	ZERO		
CA MENLO PARK	UR	LT	B	A 1.00	75							6	0.16		
CA MILL VALLEY	SU	LT	B	A 1.00	77	26	0.12								
CA MT CUYAMACA	RU	DA	B	A 2.00	75	1	5.37								
CA OAKLAND	UR	DA	B	A 1.00	79			1	0.16	8	0.16				
CA ORANGE CNTY	UR	DA	B	A 2.00	74			1	2.33						
CA PALM SPRINGS	SU	LT	B	A 1.00	76			6	0.49						
CA POINT ARENA	RE	LT	B	A 1.00	77			7	0.10						
CA POINT ARENA	RE	LT	B	A 1.00	78					6	0.09				
CA PT REYES	RU	LT	B	A 1.00	75							10	0.19		
CA RIVERSIDE	UR	LT	B	A 1.00	77			9	0.33						
CA RIVERSIDE	UR	DA	B	A 1.00	80					11	3.42				
CA SANTA MONICA	UR	IN	B	A 2.00	74			1	3.12						
CA UPLAND	SR	DA	D	J 3.00	77					17	2.94				
CO DENVER	UR	DA	B	A 1.00	80			11	0.87						
DC WASHINGTON	UR	IN	B	A 2.00	74	1	12.7								
IL CHICAGO	SR	DA	B	A 2.00	74			1	3.32						
IL CHICAGO	UR	IN	B	A 2.00	74			1	8.78						
KS JETMORE	RU	LT	B	A 1.00	78			6	0.08						
LA BATON ROUGE	SR	DA	D	J 3.00	77	3	1.84	8	1.49						
LA BATON ROUGE	SR	DA	D	J 3.00	77	1	0.48								
LA GEISMAR	SR	DA	D	J 3.00	77	1	4.37								
LA PLAQUEMINE	SR	LT	D	J 3.00	77	3	1.49								
MO ST LOUIS	UR	DA	B	A 1.00	80			10	0.35						
NC CHAPEL HILL	SU	DA	D	J 3.00	80			1	6.39						
NJ BATSTO	UR	DA	D	B 3.00	79	5	ZERO	6	ZERO	15	ZERO	16	ZERO	4	ZERO
NJ BAYONNE	UR	LT	A	A 3.00	73	31	5.03	91	5.03	92	5.03	91	5.03	4	5.03
NJ BOUND BROOK	SR	HR	D	J 3.00	76	1	4.17								
NJ BOUND BROOK	SR	DA	D	J 3.00	78					2	5.48				
NJ BRIDGEPORT	SR	HR	D	J 3.00	77					1	0.28				
NJ BRIDGEPORT	SR	HR	D	J 3.00	77					1	0.15				
NJ BRIDGEWATER	UR	DA	D	B 3.00	78					4	ZERO				
NJ BURLINGTON	SR	HR	D	J 3.00	77					1	ZERO				
NJ CAMDEN	UR	DA	D	B 3.00	79			8	ZERO	13	ZERO	2	ZERO	2	ZERO
NJ CARLSTADT	SR	DA	D	J 3.00	78					2	33.6				
NJ CLIFTON	UR	HR	D	J 3.00	76	1	8.30								

Table A-5. Summary of Quarterly and Annual Average Statistics for Chloroform

POLLUTANT(006): CHLOROFORM

CITY	SITE	DAS	MM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
NJ DEEPWATER	SR	DA	D J	3.00	77			1	0.12						
NJ EDISON	SR	DA	D J	3.00	78					2	5.47				
NJ EDISON	SR	DA	D J	3.00	76	2	64.2	2	3.30	1	14.4				
NJ ELIZABETH	UR	DA	D B	3.00	79	13	ZERO	11	ZERO	16	ZERO	14	ZERO	4	ZERO
NJ ELIZABETH	SR	DA	D J	3.00	78					9	26.6				
NJ FORDS	SR	DA	D J	3.00	78					2	13.6				
NJ FORDS	SR	HR	D J	3.00	76	1	16.7								
NJ HOBOKEN	SU	HR	D J	3.00	76	1	ZERO								
NJ LINDEN	SR	DA	D J	3.00	77			1	0.19						
NJ MIDDLESEX	UR	DA	D B	3.00	78					4	0.98				
NJ NEWARK	UR	DA	D B	3.00	78			21	1.13			4	4.60		
NJ NEWARK	UR	DA	D B	3.00	79	8	ZERO	12	ZERO	15	ZERO	15	ZERO	4	ZERO
NJ NEWARK	UR	HR	D J	3.00	76	1	37.0								
NJ PASSAIC	UR	HR	D J	3.00	76	1	4.17								
NJ PATERSON	UR	HR	D J	3.00	76	1	3.75								
NJ RAMSAY	SR	DA	D J	3.00	78					2	27.5				
NJ RUTHERFORD	UR	DA	D B	3.00	78			15	2.50	6	1.08	9	19.5	3	7.70
NJ RUTHERFORD	UR	DA	D B	3.00	79	10	ZERO	7	ZERO	14	ZERO	15	ZERO	4	ZERO
NJ SANDY HOOK	SU	DA	A A	3.00	74					3	0.15				
NJ SEA GIRT	SU	DA	A A	3.00	74			1	0.20						
NJ SOMERSET	UR	DA	D B	3.00	78					6	5.69				
NJ SOUTH AMBOY	UR	DA	D B	3.00	79	10	ZERO	12	ZERO	13	ZERO	13	ZERO	4	ZERO
NV MONTGOMERY PS	RE	IN	B A	2.00	75			1	1.46						
NV REESE RIVER	RE	LT	B A	1.00	77			6	0.06						
NY NEW YORK	UR	DA	A A	3.00	74			1	0.78						
NY STATEN IS	UR	HR	D J	3.00	76	1	ZERO								
OH WILMINGTON	RU	DA	A A	3.00	74					10	1.66				
PA BRISTOL	SR	HR	D J	3.00	77					1	0.20				
PA MARCUS HOOK	SR	HR	D J	3.00	77					1	0.12				
PA N PHILADELPHI	SR	IA	D J	3.00	77					1	ZERO				
TX ALDINE	UR	IA	D J	3.00	77			1	3.88	1	0.40	1	0.50		
TX BEAUMONT	UR	DA	D J	3.00	80	1	4.00								
TX DEER PARK	SR	HR	D J	3.00	76					2	14.6				
TX EL PASO	SR	DA	D J	3.00	78			15	2.22						
TX FREEPORT	SR	HR	D J	3.00	76					1	0.14				
TX HOUSTON	SR	HR	D J	3.00	76					1	11.5				
TX HOUSTON	UR	DA	D J	3.00	77					10	1.01				
TX HOUSTON	UR	DA	B A	1.00	80			10	2.00						
TX HOUSTON	UR	IA	D J	3.00	77			1	2.06	1	0.29	1	ZERO		
TX HOUSTON	UR	IA	D J	3.00	77							2	0.34		
TX LAPORTE	SR	DA	D J	3.00	76					1	8.33				
TX PASADENA	SR	HR	D J	3.00	76					1	ZERO				
UT MAGNA	SR	DA	D J	3.00	77							10	ZERO		
VA FRONT ROYAL	UR	DA	D J	3.00	77					1	0.71	3	0.88		
WV BELLE	SR	IA	D J	3.00	75							1	ZERO		
WV CHARLESTON	UR	LT	D J	3.00	77					1	ZERO	6	0.14		
WV INSTITUTE	SU	IA	D J	3.00	77							2	0.17		
WV NITRO	SR	IA	D J	3.00	75							1	39.0		
WV NITRO	SR	IA	D J	3.00	77					1	ZERO				

Table A-5. Summary of Quarterly and Annual Average Statistics for Chloroform

POLLUTANT(006): CHLOROFORM

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- Q T R 1 -- CNT	AVERAGE	-- Q T R 2 -- CNT	AVERAGE	-- Q T R 3 -- CNT	AVERAGE	-- Q T R 4 -- CNT	AVERAGE	- A N N U A L - QTRS	AVERAGE
WV NITRO	SR	IA	D	J	3.00	77							1	ZERO		
WV NITRO	SR	IA	D	J	3.00	77					1	ZERO	3	0.44		
WV S CHARLESTON	SR	IA	D	J	3.00	75							1	105.		
WV S CHARLESTON	SR	DA	D	J	3.00	77	10	0.51								
WV S CHARLESTON	UR	IA	D	J	3.00	77					2	ZERO	3	0.81		
WV ST. ALBANS	SU	IA	D	J	3.00	77					2	ZERO	2	0.08		
WV W. BELLE	SU	IA	D	J	3.00	77					2	ZERO	4	ZERO		

Table A-6. Summary of Quarterly and Annual Average Statistics for Chloroprene

POLLUTANT(021): CHLOROPRENE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
LA BATON ROUGE	SR	DA	D	J	4.00	77	3	ZERO								
LA BATON ROUGE	SR	DA	D	J	4.00	77	1	ZERO								
TX HOUSTON	SR	HR	D	J	2.00	76					1	2.13				

Table A-7. Summary of Quarterly and Annual Average Statistics for o-Cresol

POLLUTANT(036): O-CRESOL

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- Q T R 1 -- CNT	AVERAGE	-- Q T R 2 -- CNT	AVERAGE	-- Q T R 3 -- CNT	AVERAGE	-- Q T R 4 -- CNT	AVERAGE	- A N N U A L - QTRS	AVERAGE
AZ GRAND CANYON	RE	LT	D	J	4.00	77							7	ZERO		
CA UPLAND	SR	DA	D	J	3.15	77					19	20.2				
LA BATON ROUGE	SR	DA	D	J	3.75	77			8	0.11						
TX EL PASO	SR	DA	D	J	3.00	78			15	17.1						
TX HOUSTON	SR	DA	D	J	3.20	77					10	1.01				
WV S CHARLESTON	SR	DA	D	J	3.20	77	10	1.16								

Table A-8. Summary of Quarterly and Annual Average Statistics for p-Dichlorobenzene

POLLUTANT(026): P-DICHLOROBENZENE

CITY	SITE	TA	M	M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
LA BATON ROUGE	SR	DA	D	J	3.00	77			8	ZERO						
NJ BRIDGEWATER	UR	DA	D	B	3.00	78					4	0.27				
NJ CLIFTON	UR	HR	D	J	3.00	76	1	ZERO								
NJ EDISON	SR	DA	D	J	3.00	76			2	ZERO	1	0.07				
NJ FORDS	UR	HR	D	J	3.00	76	1	ZERO								
NJ HOBOKEN	UR	HR	D	J	3.00	76	1	ZERO								
NJ MIDDLESEX	UR	DA	D	B	3.00	78					4	0.07				
NJ NEWARK	UR	DA	D	B	3.00	78			21	2.99			4	20.8		
NJ PASSAIC	UR	HR	D	J	3.00	76	1	ZERO								
NJ PATERSON	UR	HR	D	J	3.00	76	1	ZERO								
NJ RUTHERFORD	UR	DA	D	B	3.00	78			15	1.23	6	0.71	9	5.96	3	2.63
NJ SOMERSET	UR	DA	D	B	3.00	78					6	0.31				
OK LIBERTY MOUND	RU	IA	D	J	3.00	77					2	ZERO				
OK TULSA	UR	IA	D	J	3.00	77					2	ZERO				
OK VERA	SU	IA	D	J	3.00	77					1	ZERO				
TX ALDINE	UR	IA	D	J	3.00	77			1	ZERO	1	ZERO	1	ZERO		
TX HOUSTON	UR	DA	D	J	3.00	77					10	ZERO				
TX HOUSTON	UR	IA	D	J	3.00	77			1	ZERO	1	ZERO	1	ZERO		
TX HOUSTON	UR	IA	D	J	3.00	77							2	ZERO		
VA FRONT ROYAL	UR	DA	D	J	3.00	77					1	ZERO	1	0.01		
WV CHARLESTON	UR	LT	D	J	3.00	77					1	ZERO	6	ZERO		
WV INSTITUTE	SU	IA	D	J	3.00	77							2	ZERO		
WV NITRO	SR	IA	D	J	3.00	77					1	ZERO				
WV NITRO	SR	IA	D	J	3.00	77							1	ZERO		
WV NITRO	SR	IA	D	J	3.00	77					1	ZERO	3	ZERO		
WV S CHARLESTON	UR	IA	D	J	3.00	77					2	ZERO	4	ZERO		
WV ST. ALBANS	SU	IA	D	J	3.00	77					1	ZERO	2	ZERO		
WV W. BELLE	SU	IA	D	J	3.00	77					2	ZERO	4	ZERO		

Table A-9. Summary of Quarterly and Annual Average Statistics for Dimethyl Nitrosamine

POLLUTANT(044): DIMETHYL NITROSAMINE

CITY	SITE	DATA	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CA BURBANK	UR	UN		3.00	00							1	0.03		
CA COMPTON	UR	UN		3.00	00							1	ZERO		
CA HOLLYWOOD	UR	UN		3.00	00							1	0.01		
CA HUNTINGTONPRK	UR	UN		3.00	00							1	0.03		
CA LONG BEACH	UR	UN		3.00	00							1	0.04		
CA LOS ANGELES	UR	UN		3.00	00							1	0.01		
CA PALOS VERDES	UR	UN		3.00	00							1	0.04		
CA PASADENA	UR	UN		3.00	00							1	0.09		
CA POMONA	UR	UN		3.00	00							1	0.01		
CA SAN FERNANDO	SU	UN		3.00	00							1	0.05		
CA SAN GABRIELMT	RU	UN		3.00	00							1	0.02		
CA SANTA MONICA	UR	UN		3.00	00							*1	0.03		
CA TORRANCE	UR	UN		3.00	00							1	0.01		
CA WHITTIER	UR	UN		3.00	00							1	0.02		
CA WOODLAND HILL	SU	UN		3.00	00							1	0.02		
MD ARUNDEL CNTY	SU	HR	F E	2.00	75							1	0.04		
MD BALTIMORE	SR	DA	F E	2.00	75					2	0.11				
MD BALTIMORE	UR	HR	F E	2.00	75							2	0.36		
MD BALTIMORE	UR	DA	D J	2.00	75							1	0.50		
MD BALTIMORE	UR	HR	F E	2.00	75							2	0.06		
MD BALTIMORE	SR	DA	F E	2.00	75							1	0.47		
MD BALTIMORE	UR	HR	D J	2.00	75							6	11.8		
MD BALTIMORE	UR	DA	D J	3.00	75							1	ZERO		
MD BALTIMORE	UR	HR	F E	2.00	75							1	0.12		
PA PHILADELPHIA	SR	HR	F E	2.00	75					1	0.01				
WV BELLE	SR	HR	F E	2.00	75					3	0.09				
WV BELLE	SR	DA	D J	2.00	75							2	0.28		
WV NITRO	RU	DA	D J	3.00	75							1	ZERO		
WV S CHARLESTON	SR	DA	D J	2.00	75							1	0.01		

Table A-10. Summary of Quarterly and Annual Average Statistics for Formaldehyde

POLLUTANT(033): FORMALDEHYDE

CITY	SITE	DAS	TAM	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CA CLAREMONT	SU	DA	A	D	2.00	79					7	15.3				
CA RIVERSIDE	UR	DA	A	F	2.66	76							3	4.51		
NJ BAYONNE	UR	MM			2.00	72			3	5.23	3	5.26	3	3.43		
NJ BAYONNE	UR	MM			2.00	73	3	4.79	3	7.20	2	10.4				
NJ BAYONNE	UR	LT			2.00	74			62	7.44	61	7.44			2	7.44
NJ CAMDEN	UR	LT			2.00	74			62	4.64	61	4.64			2	4.64
NJ ELIZABETH	UR	LT			2.00	74			62	6.71	61	6.71			2	6.71
NJ NEWARK	UR	LT			2.00	74			62	8.05	61	8.05			2	8.05
TX ALDINE	UR	DA	G	L	3.00	77					19	1.04	8	ZERO		
TX CRAWFORD	UR	DA	G	L	2.00	78					3	8.01	3	26.3		
TX FUQUA	UR	DA	G	L	3.00	77					17	0.57	5	ZERO		
TX FUQUA	UR	DA	G	L	2.00	78					5	7.64	2	18.0		
TX HOUSTON	UR	DA	G	L	2.00	78					4	7.45	3	13.0		
TX PARKHURST	UR	DA	G	L	2.00	78					4	6.72	3	11.1		

Table A-11. Summary of Quarterly and Annual Average Statistics for Methylene Chloride

POLLUTANT(005): METHYLENE CHLORIDE

CITY	SITE	TA	M	M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AZ PHOENIX	UR	DA	B	A	1.00	79			10	3.60						
CA BADGER PASS	RE	LT	B	A	1.00	77			8	0.15						
CA LOS ANGELES	UR	DA	B	A	1.00	79			10	13.5						
CA MILL VALLEY	SU	LT	B	A	1.00	77	26	0.19								
CA OAKLAND	UR	DA	B	A	1.00	79			1	0.69	8	1.49				
CA POINT ARENA	RE	LT	B	A	1.00	77			7	0.16						
CA POINT ARENA	RE	LT	B	A	1.00	78					6	0.14				
CA RIVERSIDE	UR	LT	B	A	1.00	77			9	0.39						
CA RIVERSIDE	UR	DA	B	A	1.00	80					11	7.00				
CA SAN JOSE	UR	LT	B	A	1.00	78					6	1.39				
CA TORRANCE	UR	HR	D	J	3.00	76			1	14.3						
CA UPLAND	SR	DA	D	J	3.00	77					17	30.1				
CO DENVER	UR	DA	B	A	1.00	80			11	3.54						
KS JETMORE	RU	LT	B	A	1.00	78			6	0.19						
LA BATON ROUGE	SR	DA	D	J	3.00	77	3	0.71	8	1.39						
LA BATON ROUGE	SR	DA	D	J	3.00	77	1	0.16								
LA GEISMAR	SR	DA	D	J	3.00	77	1	1.13								
MO ST LOUIS	UR	DA	B	A	1.00	80			10	1.29						
NJ BRIDGEPORT	SR	HR	D	J	3.00	77					1	0.91				
NJ BRIDGEPORT	SR	HR	D	J	3.00	77					1	ZERO				
NJ BURLINGTON	SR	HR	D	J	3.00	77					1	ZERO				
NJ CLIFTON	UR	HR	D	J	3.00	76	1	1.54								
NJ DEEPWATER	SR	DA	D	J	3.00	77			1	0.28						
NJ EDISON	SR	DA	D	J	3.00	76	2	240.	2	0.47	1	55.6				
NJ FORDS	UR	HR	D	J	3.00	76	1	9.29								
NJ HOBOKEN	UR	HR	D	J	3.00	76	1	ZERO								
NJ LINDEN	SR	DA	D	J	3.00	77			1	0.27						
NJ PASSAIC	UR	HR	D	J	3.00	76	1	0.40								
NJ PATERSON	UR	HR	D	J	3.00	76	1	1.09								
NV REESE RIVER	RE	LT	B	A	1.00	77			6	0.18						
PA BRISTOL	SR	HR	D	J	3.00	77					1	ZERO				
PA MARCUS HOOK	SR	HR	D	J	3.00	77					1	0.48				
PA N PHILADELPHI	SR	IA	D	J	3.00	77					1	0.14				
TX ALDINE	UR	IA	D	J	3.00	77			1	4.38	1	1.00	1	3.43		
TX HOUSTON	UR	DA	D	J	3.00	77					10	2.13				
TX HOUSTON	UR	DA	B	A	1.00	80			10	1.83						
TX HOUSTON	UR	IA	D	J	3.00	77			1	2.74	1	1.10	1	4.50		
TX HOUSTON	UR	IA	D	J	3.00	77							2	2.57		
VA FRONT ROYAL	UR	DA	D	J	3.00	77					1	13.8	3	25.0		
WV BELLE	SR	IA	D	J	3.00	75							1	8.70		
WV CHARLESTON	UR	LT	D	J	3.00	77					1	ZERO	6	1.72		
WV INSTITUTE	SU	IA	D	J	3.00	77							2	2.86		
WV NITRO	SR	IA	D	J	3.00	75							1	75.0		
WV NITRO	SR	IA	D	J	3.00	77					1	ZERO				
WV NITRO	SR	IA	D	J	3.00	77							1	ZERO		
WV NITRO	SR	IA	D	J	3.00	77					1	ZERO	3	0.53		
WV S CHARLESTON	SR	IA	D	J	3.00	75							1	ZERO		
WV S CHARLESTON	UR	IA	D	J	3.00	77					2	ZERO	3	7.05		
WV ST. ALBANS	SU	IA	D	J	3.00	77					2	0.39	2	ZERO		

Table A-11. Summary of Quarterly and Annual Average Statistics for Methylene Chloride

POLLUTANT(005): METHYLENE CHLORIDE

CITY	STATE	DAM	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
WV W. BELLE	SU	IA	D	J	3.00	77					2	ZERO	4	0.76		

Table A-12. Summary of Quarterly and Annual Average Statistics for Nitrobenzene

POLLUTANT(043): NITROBENZENE

C I T Y	SI TE	DA TA	5 M	A M	QUAL	YR	-- QTR 1 -- CNT	AVERAGE	-- QTR 2 -- CNT	AVERAGE	-- QTR 3 -- CNT	AVERAGE	-- QTR 4 -- CNT	AVERAGE	- ANNUAL - QTRS	AVERAGE
LA GEISMAR	SR	DA	D	J	3.00	77	1	0.01								
NJ BATSTO	UR	DA	D	B	3.00	79	5	ZERO	6	ZERO	15	ZERO	16	ZERO	4	ZERO
NJ BOUND BROOK	SR	HR	D	J	3.00	76	1	0.13								
NJ BRIDGEWATER	UR	DA	D	B	3.00	78					4	0.03				
NJ CAMDEN	UR	DA	D	B	3.00	79			8	ZERO	13	ZERO	2	ZERO	2	ZERO
NJ CLIFTON	UR	HR	D	J	3.00	76	1	ZERO								
NJ DEEPWATER	SR	DA	D	J	3.00	77			1	0.11						
NJ ELIZABETH	UR	DA	D	B	3.00	79	13	ZERO	11	ZERO	16	ZERO	14	ZERO	4	ZERO
NJ FORDS	SR	HR	D	J	3.00	76	1	ZERO								
NJ HOBOKEN	SU	HR	D	J	3.00	76	1	ZERO								
NJ MIDDLESEX	UR	DA	D	B	3.00	78					4	0.70				
NJ NEWARK	UR	DA	D	B	3.00	78			21	2.39			3	7.09		
NJ NEWARK	UR	DA	D	B	3.00	79	8	ZERO	12	ZERO	15	ZERO	15	ZERO	4	ZERO
NJ NEWARK	UR	HR	D	J	3.00	76	1	ZERO								
NJ PASSAIC	UR	HR	D	J	3.00	76	1	ZERO								
NJ PATERSON	UR	HR	D	J	3.00	76	1	ZERO								
NJ RUTHERFORD	UR	DA	D	B	3.00	78			15	1.36	6	0.20	9	1.97	3	1.18
NJ RUTHERFORD	UR	DA	D	B	3.00	79	10	ZERO	7	ZERO	14	ZERO	15	ZERO	4	ZERO
NJ SOMERSET	UR	DA	D	B	3.00	78					6	0.78				
NJ SOUTH AMBOY	UR	DA	D	B	3.00	79	10	ZERO	12	ZERO	13	ZERO	13	ZERO	4	ZERO
NY STATEN IS	UR	HR	D	J	3.00	76	1	ZERO								

Table A-13. Summary of Quarterly and Annual Average Statistics for Phenol

POLLUTANT(122): PHENOL

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- QTR 1 -- CNT	AVERAGE	-- QTR 2 -- CNT	AVERAGE	-- QTR 3 -- CNT	AVERAGE	-- QTR 4 -- CNT	AVERAGE	- ANNUAL - QTRS	AVERAGE
AR EL DORADO	SR	DA	D	J	2.00	78			8	58.6	3	120.				
AZ GRAND CANYON	RE	LT	D	J	4.00	77							7	ZERO		
CA UPLAND	SR	DA	D	J	2.21	77					19	51.2				
MO KANSAS CITY	SR	DA	C	B	3.00	74	1	30.0								
NJ EDISON	SR	DA	D	J	2.00	76	2	2.00								
NJ ELIZABETH	SR	DA	D	J	2.00	78					9	10.9				
OH COLUMBUS	UR	DA	D	J	2.00	74	1	0.12								
TX EL PASO	SR	DA	D	J	2.00	78			15	342.						
TX HOUSTON	SR	DA	D	J	2.00	77					10	6.20				

Table A-14. Summary of Quarterly and Annual Average Statistics for Phosgene

POLLUTANT(035): PHOSGENE

CITY	SITE	DAS TAM	AM QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CA BADGER PASS	RE	LT B	C 2.00	76			5	0.09						
CA BADGER PASS	RE	LT B	C 2.00	77			8	0.05						
CA LOS ANGELES	UR	LT B	C 2.00	76			5	0.13						
CA MENLO PARK	UR	LT B	C 2.00	76			3	0.12						
CA MILL VALLEY	SU	LT B	C 2.00	77	26	0.07								
CA PALM SPRINGS	SU	LT B	C 2.00	76			6	0.12						
CA POINT ARENA	RE	LT B	C 2.00	77			7	0.06						
CA POINT ARENA	RE	LT B	C 2.00	78					6	0.06				
CA RIVERSIDE	UR	LT B	C 2.00	77			9	0.18						
NV REESE RIVER	RE	LT B	C 2.00	77			6	0.06						

Table A-15. Summary of Quarterly and Annual Average Statistics for 1,1,1, Trichloroethane

POLLUTANT(010): 1,1,1 TRICHLOROETHANE

CITY	SITE	DAM	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D	J 3.00	77			10	1.66						
AR EL DORADO	SR	DA	D	J 3.00	78			8	27.5	3	15.9				
AR HELENA	RU	DA	E	A 3.00	76							1	ZERO		
AZ GRAND CANYON	RE	LT	D	J 3.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B	A 1.00	79			11	4.90						
CA BADGER PASS	RE	LT	B	A 1.00	76			5	0.54						
CA BADGER PASS	RE	LT	B	A 1.00	77			8	1.26						
CA EL CAJON	UR	IN	B	A 2.00	75			1	3.92						
CA LA JOLLA	SU	IN	B	A 2.00	74			3	0.97	1	0.71	1	5.67		
CA LA JOLLA	SU	IN	B	A 2.00	75	3	2.94	5	2.53	1	0.82	2	2.04		
CA LA JOLLA	SU	DA	B	A 2.00	76	1	0.74								
CA LOS ANGELES	UR	IN	B	A 2.00	74			1	1.85						
CA LOS ANGELES	UR	LT	B	A 1.00	76			5	8.39						
CA LOS ANGELES	UR	DA	B	A 1.00	79			10	5.90						
CA LOS ANGELES	SR	HR	D	J 3.00	76			1	8.34						
CA LOS ANGELES	UR	DA	A	A 2.00	72					2	2.71	1	2.58		
CA LYTTON LAKE	RE	IN	B	A 2.00	75							1	0.38		
CA MENLO PARK	UR	LT	B	A 1.00	75							6	0.76		
CA MILL VALLEY	SU	LT	B	A 1.00	77	26	1.71								
CA MT CUYAMACA	RU	DA	B	A 2.00	75	1	2.23								
CA OAKLAND	UR	DA	B	A 1.00	79			1	3.23	8	1.56				
CA ORANGE CNTY	UR	DA	B	A 2.00	74			1	2.07						
CA PALM SPRINGS	SU	LT	B	A 1.00	76			6	0.87						
CA POINT ARENA	RE	LT	B	A 1.00	77			7	0.60						
CA POINT ARENA	RE	LT	B	A 1.00	78					6	0.72				
CA PT REYES	RU	LT	B	A 1.00	75							10	0.61		
CA RIVERSIDE	UR	LT	B	A 1.00	77			9	4.55						
CA RIVERSIDE	UR	DA	B	A 1.00	80					11	4.08				
CA S.BERNADINOMT	RU	DA	A	A 2.00	72							1	0.27		
CA SAN JOSE	UR	LT	B	A 1.00	78					6	4.30				
CA SANTA MONICA	UR	IN	B	A 2.00	74			1	7.08						
CA TORRANCE	UR	HR	D	J 3.00	76			1	1.00						
CA UPLAND	SR	DA	D	J 3.00	77					17	6.79				
CO DENVER	UR	DA	B	A 1.00	80			11	3.92						
DC WASHINGTON	UR	IN	B	A 2.00	74	1	2.72								
DE DELAWARE CTY	UR	DA	A	A 2.00	74					2	0.54				
IL CHICAGO	SR	DA	B	A 2.00	74			1	1.74						
IL CHICAGO	UR	IN	B	A 2.00	74			1	1.09						
KS JETMORE	RU	LT	B	A 1.00	78			6	0.71						
LA BATON ROUGE	SR	DA	D	J 3.00	77	3	0.08	8	0.69						
LA BATON ROUGE	SR	DA	E	A 2.50	76							2	1.93		
LA BATON ROUGE	SR	DA	D	J 3.00	77	1	0.17								
LA GEISMAR	SR	DA	D	J 3.00	77	1	0.21								
LA GEISMAR	SR	DA	E	A 2.00	76							2	79.8		
LA LAKE CHARLES	SR	DA	E	A 2.50	76							2	4.88		
LA LAKE CHARLES	UR	DA	D	J 3.00	78			3	15.8						
LA PLAQUEMINE	SR	LT	D	J 3.00	77	3	1.72								
MD BALTIMORE	UR	DA	A	A 2.00	74					1	0.65				
MO ST LOUIS	UR	DA	B	A 1.00	80			10	1.28						

Table A-15. Summary of Quarterly and Annual Average Statistics for 1,1,1, Trichloroethane

POLLUTANT(010): 1,1,1 TRICHLOROETHANE

CITY	SITE	DAS	MAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
NC CHAPEL HILL	SU	DAD	JJ	3.00	80			1	99.1						
NJ BAYONNE	UR	LTA	AA	2.00	73	31	8.67	91	8.67	92	8.67	91	8.67	4	8.67
NJ BOUND BROOK	SR	HRD	JJ	3.00	76	1	ZERO								
NJ BOUND BROOK	SR	DAD	JJ	3.00	78					2	25.2				
NJ BRIDGEPORT	SR	HRD	JJ	3.00	77					1	0.66				
NJ BRIDGEPORT	SR	HRD	JJ	3.00	77					1	0.13				
NJ BRIDGEWATER	UR	DAD	BB	4.00	78					4	0.28				
NJ BURLINGTON	SR	HRD	JJ	3.00	77					1	ZERO				
NJ CARLSTADT	SR	DAD	JJ	3.00	78					2	23.4				
NJ CLIFTON	UR	HRD	JJ	3.00	76	1	ZERO								
NJ DEEPWATER	SR	DAD	JJ	3.00	77			1	0.73						
NJ EDISON	SR	DAD	JJ	3.00	78					2	8.29				
NJ EDISON	SR	DAD	JJ	3.00	76	2	58.9	2	1.93	1	43.7				
NJ ELIZABETH	SR	DAD	JJ	3.00	78					9	164.				
NJ FORDS	SR	DAD	JJ	3.00	78					2	21.5				
NJ FORDS	SR	HRD	JJ	3.00	76	1	1.30								
NJ HOBOKEN	SU	HRD	JJ	3.00	76	1	ZERO								
NJ LINDEN	SR	DAD	JJ	3.00	77			1	0.47						
NJ MIDDLESEX	UR	DAD	BB	4.00	78					4	0.41				
NJ NEW BRUNSWICK	SU	INA	CC	2.00	73							1	1.47		
NJ NEWARK	UR	DAD	BB	4.00	78			21	2.04			4	0.50		
NJ NEWARK	UR	HRD	JJ	3.00	76	1	ZERO								
NJ PASSAIC	UR	HRD	JJ	3.00	76	1	13.0								
NJ PATERSON	UR	HRD	JJ	3.00	76	1	ZERO								
NJ RAHWAY	SR	DAD	JJ	3.00	78					2	32.7				
NJ RUTHERFORD	UR	DAD	BB	4.00	78			15	0.25	6	2.27	9	1.07	3	1.20
NJ SANDY HOOK	SU	DAA	AA	2.00	74					3	0.82				
NJ SEA GIRT	SU	DAA	AA	2.00	74			1	0.54						
NJ SOMERSET	UR	DAD	BB	4.00	78					6	1.56				
NV MONTGOMERY PS	RE	INB	AA	2.00	75			1	1.85						
NV REESE RIVER	RE	LTB	AA	1.00	77			6	0.78						
NY NEW YORK	UR	DAA	AA	2.00	74			1	3.32						
NY STATEN IS	UR	HRD	JJ	3.00	76	1	ZERO								
NY WHITEFACE MT	RE	DAA	AA	2.00	74					3	0.37				
OH WILMINGTON	RU	DAA	AA	2.00	74					10	0.53				
OK LIBERTY MOUND	RU	IAD	JJ	3.00	77					2	ZERO				
OK TULSA	UR	IAD	JJ	3.00	77					2	ZERO				
OK VERA	SU	IAD	JJ	3.00	77					1	ZERO				
PA BRISTOL	SR	HRD	JJ	3.00	77					1	ZERO				
PA MARCUS HOOK	SR	HRD	JJ	3.00	77					1	0.82				
PA N PHILADELPHI	SR	IAD	JJ	3.00	77					1	0.08				
TX ALDINE	UR	IAD	JJ	3.00	77			1	ZERO	1	0.99	1	ZERO		
TX BEAUMONT	UR	DAD	JJ	3.00	80	1	180.								
TX DEER PARK	SR	HRD	JJ	3.00	76					2	0.37				
TX EL PASO	SR	DAD	JJ	3.00	78			15	3.36						
TX FREEPORT	SR	HRD	JJ	3.00	76					1	15.9				
TX FREEPORT	SR	DAE	AA	2.33	76							3	8.33		
TX HOUSTON	SR	HRD	JJ	3.00	76					1	0.71				
TX HOUSTON	UR	DAD	JJ	3.00	77					10	0.12				

Table A-15. Summary of Quarterly and Annual Average Statistics for 1,1,1, Trichloroethane

POLLUTANT(010): 1,1,1 TRICHLOROETHANE

CITY	SITE	AREA	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
TX HOUSTON	UR	DA B A	1.00	80			10	1.82						
TX HOUSTON	UR	IA D J	3.00	77			1	0.71	1	0.53	1	ZERO		
TX HOUSTON	UR	IA D J	3.00	77					.		2	ZERO		
TX HOUSTON	UR	DA A A	1.00	76					24	4.53				
TX LAPORTE	SR	DA D J	3.00	76					1	10.5				
TX PASADENA	HR	D J	3.00	76					1	ZERO				
UT MAGNA	SR	DA D J	3.00	77							10	ZERO		
VA FRONT ROYAL	UR	DA D J	3.00	77					1	0.05	3	0.15		
WA AUBURN	SR	DA E A	2.00	77	2	23.5								
WV CHARLESTON	UR	LT D J	3.00	77					1	ZERO	6	0.09		
WV INSTITUTE	SU	IA D J	3.00	77							2	0.17		
WV NITRO	SR	IA D J	3.00	77					1	ZERO				
WV NITRO	SR	IA D J	3.00	77							1	ZERO		
WV NITRO	SR	IA D J	3.00	77					1	ZERO	3	ZERO		
WV S CHARLESTON	SR	DA D J	3.00	77	10	2.94								
WV S CHARLESTON	UR	IA D J	3.00	77					2	ZERO	4	0.82		
WV ST. ALBANS	SU	IA D J	3.00	77					2	ZERO	2	ZERO		
WV W. BELLE	SU	IA D J	3.00	77					2	ZERO	4	ZERO		

Table A-16. Summary of Quarterly and Annual Average Statistics for Toluene

POLLUTANT(101): TOLUENE

CITY	SITE	DAS	AMM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
OK TULSA	UR	IA	B B	1.00	77					2	3.69				
AL BIPMINGHAM	SR	DA	D J	2.00	77			10	7.38						
AR EL DORADO	SR	DA	D J	2.00	78			8	26.5	3	72.5				
AZ GRAND CANYON	RE	LT	D J	4.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B B	1.00	79			10	32.3						
CA AZUSA	UR	IA	E B	1.00	75					17	51.9				
CA EL MONTE	UR	IA	E B	1.00	75					40	62.8				
CA LONG BEACH	UR	IA	E B	1.00	75			10	23.5	10	27.9			2	25.7
CA LOS ANGELES	UR	DA	B B	1.00	79			9	44.3						
CA NEWBURY PARK	SU	DA	A H	1.00	78			3	11.3						
CA OAKLAND	UR	DA	B B	1.00	79			1	16.4	8	11.4				
CA RIVERSIDE	UR	DA	B B	1.00	80					11	21.6				
CA UPLAND	UR	IA	E B	1.00	75			8	26.6	17	43.2			2	34.9
CA UPLAND	SR	DA	D J	2.00	77					12	27.2				
CO DENVER	UR	DA	B B	1.00	80			11	23.4						
CO DENVER	UR	DA	A B	1.00	73							34	34.8		
CO RIO BLANCO CN	RE	DA	E B	1.00	78					1	4.57				
LA BATON ROUGE	SR	DA	D J	2.00	77			8	0.53						
LA LAKE CHARLES	UR	DA	D J	2.00	78			2	1.23						
MO ST LOUIS	UR	DA	B B	1.00	80			10	5.03						
NJ BATSTO	UR	DA	D B	1.47	79	5	0.64	6	3.06	15	2.26	16	2.43	4	2.10
NJ BAYONNE	UR	LT	E B	1.00	69			30	44.7	61	44.7			2	44.7
NJ CAMDEN	UR	DA	D B	1.00	79			8	11.3	13	27.8	2	81.2	2	19.2
NJ EDISON	SR	DA	D J	2.00	76	2	1,320.								
NJ ELIZABETH	UR	DA	D B	1.11	79	13	20.4	11	9.46	16	49.0	14	20.2	4	24.8
NJ ELIZABETH	SR	DA	D J	2.00	78					9	32.8				
NJ LINDEN	UR	LT	E B	1.00	69			30	56.5	61	56.5			2	56.5
NJ NEWARK	UR	DA	D B	1.08	79	8	11.8	12	5.88	15	7.90	15	14.1	4	9.90
NJ RUTHERFORD	UR	DA	D B	1.04	79	10	25.3	7	26.8	14	26.9	15	43.8	4	30.7
NJ SOUTH AMBOY	UR	DA	D B	1.25	79	10	8.37	12	9.05	13	10.5	13	5.80	4	8.43
NY BROOKLYN	UR	LT	E B	1.00	69			30	82.4	61	82.4			2	82.4
NY MANHATTEN	UR	LT	E B	1.00	69			30	50.6	61	50.6			2	50.6
OH COLUMBUS	UR	DA	D J	2.00	74	1	1.70								
OK LIBERTY MOUND	RU	IA	B B	1.00	77					66	3.83				
OK OCHELATA	RU	IA	B B	1.00	77					5	1.49				
OK SKIATOOK	RU	IA	B B	1.00	77					6	1.07				
OK SPERRY	SU	IA	B B	1.00	77					10	5.21				
OK TULSA	UR	DA	E B	1.00	78					1	6.28				
OK TULSA	UR	IA	B B	1.00	77					73	7.37				
OK TULSA	UR	IA	B B	1.00	77					71	5.00				
OK TULSA	SR	IN	E B	1.00	78					1	10.7				
OK VERA	SU	IA	B B	1.00	77					6	3.06				
OK WYONA	RU	IA	B B	1.00	77					4	1.13				
PA PHILADELPHIA	UR	HR	A B	1.00	79					29	15.1				
PA PHILADELPHIA	SR	HR	A B	1.00	79					41	14.7				
TN SMOKEY MT NP	RE	DA	E B	1.00	78					1	3.62				
TX BUFNETT	RE	DA	D J	2.00	77							1	113.		
TX DEER PARK	UR	IN	E B	1.00	74			1	12.0						
TX DEER PARK	SR	DA	D J	2.00	77							1	372.		

Table A-16. Summary of Quarterly and Annual Average Statistics for Toluene

POLLUTANT(101): TOLUENE

CITY	SITE	DAS	AMM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
TX DENVER CITY	SR	DA	D J	2.00	77							4	3,500.		
TX DENVER CITY	SR	DA	D J	2.00	77							3	5,030.		
TX DENVER CITY	SR	DA	D J	2.00	77							7	3,440.		
TX EL PASO	SR	DA	D J	2.00	78			15	20.9						
TX HOUSTON	UR	IN	E B	1.00	74	1	106.	1	33.6						
TX HOUSTON	SR	DA	D J	2.00	77					10	5.76				
TX HOUSTON	UR	DA	B B	1.00	80			10	37.4						
TX HOUSTON	SR	IN	E B	1.00	73					1	7.65				
TX HOUSTON	SR	IN	E B	1.00	73					1	19.3				
TX HOUSTON	UR	IA	A B	1.00	76					9	21.2				
TX HOUSTON	SR	IN	E B	1.00	73					1	21.3				
TX HOUSTON	SR	IN	E B	1.00	74			1	48.7						
TX HOUSTON	UR	IA	A B	1.00	76					9	70.6				
TX HOUSTON	UR	IA	A B	1.00	76					17	34.9				
TX HOUSTON	UR	IN	E B	1.00	74	1	124.								
TX HOUSTON	UR	IN	E B	1.00	73					1	71.1				
TX HOUSTON	UR	IN	E B	1.00	74	1	200.								
TX IRVING	SR	DA	D J	2.00	77							1	35.7		
TX JACINTO CITY	SR	IN	E B	1.00	73					1	23.8				
TX JACINTO CITY	SR	IN	E B	1.00	74	1	109.	1	26.8						
TX JONES ST FRST	RU	DA	E B	1.00	78	2	11.7								
TX LA PORTE	SU	IN	E B	1.00	73					1	21.2				
TX MONROE CITY	RU	IA	A B	1.00	76					1	1.50				
TX PASADENA	SR	IN	E B	1.00	73					1	19.2				
TX PASADENA	SR	IN	E B	1.00	74	1	172.	1	9.15						
UT MAGNA	SR	DA	D J	2.00	77							10	1.28		
WV S CHARLESTON	SR	DA	D J	2.00	77	10	0.18								

Table A-17. Summary of Quarterly and Annual Average Statistics for Trichloroethylene

POLLUTANT(018): TRICHLOROETHYLENE

CITY	SITE	TA	M	H	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D	J	2.00	77			10	0.03						
AR EL DORADO	SR	DA	D	J	2.00	78			8	19.9	3	4.84				
AR HELENA	RU	DA	E	A	3.00	76							1	ZERO		
AZ GRAND CANYON	RE	LT	D	J	3.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B	A	1.00	79			11	3.22						
CA BADGER PASS	RE	LT	B	A	2.00	76			5	0.08						
CA BADGER PASS	RE	LT	B	A	1.00	77			8	0.07						
CA DOMINGUEZ	SR	HR	D	J	2.00	76			1	9.21						
CA EL CAJON	UR	IN	B	A	2.00	75			1	12.4						
CA LA JOLLA	SU	IN	B	A	2.00	74			3	5.01	1	2.20	1	15.6		
CA LA JOLLA	SU	IN	B	A	2.09	75	3	15.0	5	8.41	1	1.13	2	0.78		
CA LA JOLLA	SU	DA	B	A	3.00	76	1	ZERO								
CA LOS ANGELES	UR	IN	B	A	2.00	74			1	10.7						
CA LOS ANGELES	UR	LT	B	A	2.00	76			5	1.68						
CA LOS ANGELES	UR	DA	B	A	1.00	79			9	2.27						
CA LYTTON LAKE	RE	IN	B	A	3.00	75							1	ZERO		
CA MENLO PARK	UR	LT	B	A	2.00	75							6	0.61		
CA MILL VALLEY	SU	LT	B	A	1.00	77	26	0.14								
CA MT CUYAMACA	RU	DA	B	A	2.00	75	1	6.44								
CA OAKLAND	UR	DA	B	A	1.00	79			1	0.75	8	1.01				
CA ORANGE CNTY	UR	DA	B	A	2.00	74			1	6.27						
CA PALM SPRINGS	SU	LT	B	A	2.00	76			6	0.21						
CA POINT ARENA	RE	LT	B	A	1.00	77			7	0.06						
CA POINT ARENA	RE	LT	B	A	1.00	78					6	0.09				
CA PT REYES	RU	LT	B	A	2.00	75							10	0.13		
CA RIVERSIDE	UR	LT	B	A	1.00	77			9	1.43						
CA RIVERSIDE	UR	DA	B	A	1.00	80					11	0.63				
CA SAN JOSE	UR	LT	B	A	1.00	78					6	2.24				
CA SANTA MONICA	UR	IN	B	A	2.00	74			1	3.22						
CA TORRANCE	UR	HR	D	J	2.00	76			1	1.00						
CA UPLAND	SR	DA	D	J	2.88	77					17	0.40				
CO DENVER	UR	DA	B	A	1.00	80			11	1.03						
DC WASHINGTON	UR	IN	B	A	2.00	74	1	4.19								
DE DELAWARE CTY	UR	DA	A	A	2.00	74					2	1.88				
IL CHICAGO	SR	DA	B	A	2.00	74			1	14.0						
IL CHICAGO	UR	IN	B	A	2.00	74			1	7.52						
KS JETMORE	RU	LT	B	A	1.00	78			6	0.07						
LA BATON ROUGE	SR	DA	D	J	3.00	77			8	ZERO						
LA BATON ROUGE	SR	DA	E	A	3.00	76							2	2.52		
LA GEISMAR	SR	DA	E	A	3.00	76							2	ZERO		
LA LAKE CHARLES	SR	DA	E	A	2.50	76							2	6.69		
LA LAKE CHARLES	UR	DA	D	J	2.00	78			2	3.48						
MO ST LOUIS	UR	DA	B	A	1.00	80			10	0.59						
NC CHAPEL HILL	SU	DA	D	J	2.00	80			1	35.3						
NJ BATSTO	UR	DA	D	B	2.90	79	5	2.00	6	1.18	15	ZERO	16	ZERO	4	0.79
NJ BAYONNE	UR	LT	A	A	2.00	73	31	4.94	91	4.94	92	4.94	91	4.94	4	4.94
NJ BOUND BROOK	SR	HR	D	J	3.00	76	1	ZERO								
NJ BOUND BROOK	SR	DA	D	J	2.00	78					2	13.3				
NJ BRIDGEPORT	SR	HR	D	J	3.00	77					1	ZERO				

Table A-17. Summary of Quarterly and Annual Average Statistics for Trichloroethylene

POLLUTANT(018): TRICHLOROETHYLENE

CITY	SITE	DAS	MM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
NJ BRIDGEPORT	SR	HR	D J	3.00	77					1	ZERO				
NJ BRIDGEWATER	UR	DA	D B	2.25	78					4	1.83				
NJ BURLINGTON	SR	HR	D J	3.00	77					1	ZERO				
NJ CAMDEN	UR	DA	D B	2.56	79			8	1.87	13	1.86	2	6.44	2	1.87
NJ CARLSTADT	SR	DA	D J	2.00	78					2	32.1				
NJ CLIFTON	UR	HR	D J	3.00	76	1	ZERO								
NJ DEEPWATER	SR	DA	D J	2.00	77			1	0.02						
NJ EDISON	SR	DA	D J	2.00	78					2	25.1				
NJ EDISON	SR	DA	D J	2.00	76	2	21.9	2	3.11	1	4.15				
NJ ELIZABETH	UR	DA	D B	2.51	79	13	5.24	11	1.73	16	3.56	14	5.26	4	3.95
NJ ELIZABETH	SR	DA	D J	2.00	78					9	10.7				
NJ FORDS	SR	DA	D J	2.00	78					2	11.5				
NJ FORDS	SR	HR	D J	3.00	76	1	ZERO								
NJ HOBOKEN	SU	HR	D J	3.00	76	1	ZERO								
NJ LINDEN	SR	DA	D J	2.00	77			1	0.05						
NJ MIDDLESEX	UR	DA	D B	2.25	78					4	0.99				
NJ NEWARK	UR	DA	D B	2.00	78			21	9.81			4	6.62		
NJ NEWARK	UR	DA	D B	2.70	79	8	3.25	12	1.42	15	0.38	15	1.09	4	1.54
NJ NEWARK	UR	HR	D J	3.00	76	1	ZERO								
NJ PASSAIC	UR	HR	D J	3.00	76	1	ZERO								
NJ PATERSON	UR	HR	D J	2.00	76	1	1.20								
NJ RAHWAY	SR	DA	D J	2.00	78					2	58.5				
NJ RUTHERFORD	UR	DA	D B	2.06	78			15	3.15	6	4.56	9	5.14	3	4.28
NJ RUTHERFORD	UR	DA	D B	2.39	79	10	11.6	7	4.25	14	3.23	15	6.16	4	6.31
NJ SANDY HOOK	SU	DA	A A	2.00	74					3	1.83				
NJ SEA GIRT	SU	DA	A A	2.00	74			1	1.40						
NJ SOMERSET	UR	DA	D B	2.16	78					6	1.00				
NJ SOUTH AMBOY	UR	DA	D B	2.79	79	10	7.10	12	2.02	13	0.55	13	ZERO	4	2.42
NV MONTGOMERY PS	RE	IN	B A	2.00	75			1	2.95						
NV REESE RIVER	RE	LT	B A	1.00	77			6	0.06						
NY NEW YORK	UR	DA	A A	2.00	74			1	3.81						
NY STATEN IS	UR	HR	D J	3.00	76	1	ZERO								
NY WHITEFACE MT	RE	DA	A A	2.00	74					3	0.54				
OH WILMINGTON	RU	DA	A A	2.00	74					10	1.02				
OK LIBERTY MOUND	RU	IA	D J	3.00	77					2	ZERO				
OK TULSA	UR	IA	D J	3.00	77					2	ZERO				
OK VERA	SU	IA	D J	3.00	77					1	ZERO				
PA BRISTOL	SR	HR	D J	3.00	77					1	ZERO				
PA MARCUS HOOK	SR	HR	D J	3.00	77					1	ZERO				
PA N PHILADELPHI	SR	IA	D J	3.00	77					1	ZERO				
TX ALDINE	UR	IA	D J	2.66	77			1	ZERO	1	0.16	1	ZERO		
TX BEAUMONT	UR	DA	D J	2.00	80	1	11.9								
TX DEER PARK	SR	IA	D J	2.00	76					1	1.43				
TX EL PASO	SR	DA	D J	2.13	78			15	0.77						
TX FREEPORT	SR	HR	D J	2.00	76					1	0.15				
TX FREEPORT	SR	DA	E A	3.00	76							3	ZERO		
TX HOUSTON	SR	HR	D J	2.00	76					1	0.06				
TX HOUSTON	UR	DA	D J	2.00	77					10	0.03				
TX HOUSTON	UR	DA	B A	1.00	80			10	0.72						

Table A-17. Summary of Quarterly and Annual Average Statistics for Trichloroethylene

POLLUTANT(018): TRICHLOROETHYLENE

CITY	SITE	TA	M	M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
TX HOUSTON	UR	IA	D	J	3.00	77			1	ZERO	1	ZERO	1	ZERO		
TX HOUSTON	UR	IA	D	J	2.50	77							2	0.04		
TX LAPORTE	SR	DA	D	J	2.00	76					1	0.02				
TX PASADENA	SR	HR	D	J	2.00	76					1	2.57				
UT MAGNA	SR	DA	D	J	3.00	77							10	ZERO		
VA FRONT ROYAL	UR	DA	D	J	3.00	77					1	ZERO	3	0.02		
WA AUBURN	SR	DA	E	A	3.00	77	2	2.72								
WV CHARLESTON	UR	LT	D	J	3.00	77					1	ZERO	6	ZERO		
WV INSTITUTE	SU	IA	D	J	3.00	77							2	ZERO		
WV NITRO	SR	IA	D	J	3.00	77					1	ZERO				
WV NITRO	SR	IA	D	J	2.25	77							1	ZERO		
WV NITRO	SR	DA	D	J	3.00	77					1	0.30	3	0.24		
WV S CHARLESTON	UR	IA	D	J	2.83	77	10	ZERO								
WV S CHARLESTON	SU	IA	D	J	2.75	77					2	ZERO	4	0.04		
WV ST. ALBANS	SU	IA	D	J	3.00	77					2	ZERO	2	0.02		
WV W. BELLE											2	ZERO	4	ZERO		

Table A-18. Summary of Quarterly and Annual Average Statistics for Vinyledene Chloride

POLLUTANT(016): VINYLEDENE CHLORIDE

CITY	SITE	TA	M	M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CA RIVERSIDE	UR	DA	B	A	3.00	80										
CO DENVER	UR	DA	B	A	3.00	80					11	0.03				
LA BATON ROUGE	SR	DA	D	J	4.00	77			11	0.06						
LA BATON ROUGE	SR	DA	D	J	4.00	77	3	ZERO	8	ZERO						
LA GEISMAR	SR	DA	D	J	4.00	77	1	ZERO								
LA LAKE CHARLES	SR	DA	D	B	2.00	77	1	0.02								
LA PLAQUEMINE	SR	LT	D	J	4.00	77	1	26.4								
LA PLAQUEMINE	SR	DA	D	B	2.00	77	3	0.12								
MI MIDLAND	SR	DA	D	B	2.00	77	1	4.51								
MO ST LOUIS	UR	DA	B	A	3.00	80	1	24.0								
NC CHAPEL HILL	SU	DA	D	J	4.00	80			10	0.01						
NJ BATSTO	UR	DA	D	B	4.00	79			1	11.2						
NJ BRIDGEPORT	SR	HR	D	J	4.00	77	5	ZERO	6	ZERO	15	ZERO	16	ZERO	4	ZERO
NJ CAMDEN	UR	DA	D	B	4.00	79					1	ZERO				
NJ EDISON	SR	DA	D	J	4.00	76	2	ZERO	8	ZERO	13	ZERO	2	ZERO	2	ZERO
NJ ELIZABETH	UR	DA	D	B	4.00	79	13	ZERO	2	ZERO	1	ZERO				
NJ NEWARK	UR	DA	D	B	4.00	79	8	ZERO	11	ZERO	16	ZERO	14	ZERO	4	ZERO
NJ RUTHERFORD	UR	DA	D	B	4.00	79	10	ZERO	12	ZERO	15	ZERO	15	ZERO	4	ZERO
NJ SOUTH AMBOY	UR	DA	D	B	4.00	79	10	ZERO	7	ZERO	14	ZERO	15	ZERO	4	ZERO
OK LIBERTY MOUND	RU	IA	D	J	4.00	77			12	ZERO	13	ZERO	13	ZERO	4	ZERO
OK TULSA	UR	IA	D	J	4.00	77					2	ZERO				
OK VERA	SU	IA	D	J	4.00	77					2	ZERO				
PA BRISTOL	SR	HR	D	J	4.00	77					1	ZERO				
PA MARCUS HOOK	SR	HR	D	J	4.00	77					1	ZERO				
PA N PHILADELPHI	SR	HR	D	J	4.00	77					1	ZERO				
TX ALDINE	UR	IA	D	J	4.00	77					1	ZERO				
TX BEAUMONT	UR	DA	D	J	4.00	80	1	46.3	1	ZERO	1	0.43	1	ZERO		
TX FREEPORT	SR	HR	D	J	4.00	76										
TX HOUSTON	UR	DA	D	J	4.00	77					1	0.53				
TX HOUSTON	UR	DA	B	A	3.00	80					10	ZERO				
TX HOUSTON	UR	IA	D	J	4.00	77			9	0.07						
TX HOUSTON	UR	IA	D	J	4.00	77			1	ZERO	1	ZERO	1	ZERO		
VA FRONT ROYAL	UR	DA	D	J	4.00	77							2	ZERO		
WV CHARLESTON	UR	LT	D	J	4.00	77					1	0.41	1	ZERO		
WV INSTITUTE	SU	IA	D	J	4.00	77					1	ZERO	6	ZERO		
WV NITRO	SR	IA	D	J	4.00	77							2	ZERO		
WV NITRO	SR	IA	D	J	4.00	77					1	ZERO				
WV NITRO	SR	IA	D	J	4.00	77							1	ZERO		
WV S CHARLESTON	UR	IA	D	J	4.00	77					1	ZERO	3	ZERO		
WV ST. ALBANS	SU	IA	D	J	4.00	77					2	ZERO	4	ZERO		
WV W. BELLE	SU	IA	D	J	4.00	77					2	ZERO	2	ZERO		
											2	ZERO	4	ZERO		

Table A-19. Summary of Quarterly and Annual Average Statistics for o-Xylene

POLLUTANT(102): O-XYLENE

CITY	SITE	DATA	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D J	2.00	77			10	0.73						
AR EL DORADO	SR	DA	D J	2.00	78			8	6.32	3	16.8				
AZ GRAND CANYON	RE	LT	D J	4.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B B	1.00	79			10	7.63						
CA AZUSA	UR	IA	E B	1.00	75					17	16.5				
CA EL MONTE	UR	IA	E B	1.00	75					40	15.1				
CA LONG BEACH	UR	IA	E B	1.00	75			10	5.99	10	5.53			2	5.76
CA LOS ANGELES	UR	DA	B B	1.00	79			9	8.35						
CA OAKLAND	UR	DA	B B	1.00	79			1	5.34	8	3.10				
CA RIVERSIDE	UR	DA	B B	1.00	80					11	4.48				
CA UPLAND	UR	IA	E B	1.00	75			8	4.80	17	11.7			2	8.24
CA UPLAND	SR	DA	D J	2.00	77					19	3.44				
CO DENVER	UR	DA	B B	1.00	80			11	5.35						
CO DENVER	UR	DA	A B	1.00	73							34	15.4		
CO RIO BLANCO CN	RE	DA	E B	1.00	78					1	1.70				
LA BATON ROUGE	SR	DA	D J	2.00	77			8	0.08						
MO ST LOUIS	UR	DA	B B	1.20	80			10	1.02						
MO ST LOUIS	UR	HR	E B	1.00	72							30	8.87		
NJ BATSTO	UR	DA	D B	2.00	79	1	0.65	6	0.19	15	0.38	16	0.97	3	0.51
NJ CAMDEN	UR	DA	D B	1.00	79			8	5.72	13	7.39	2	34.7	2	6.56
NJ ELIZABETH	UR	DA	D B	1.14	79	1	3.91	11	5.58	16	10.9	14	6.10	3	7.53
NJ ELIZABETH	SR	DA	D J	2.00	78					9	15.8				
NJ NEWARK	UR	DA	D B	1.18	79	1	4.34	12	5.15	15	2.23	15	6.52	3	4.63
NJ RUTHERFORD	UR	DA	D B	1.16	79	1	2.78	7	8.44	14	4.95	15	5.33	3	6.24
NJ SOUTH AMBOY	UR	DA	D B	1.41	79	1	ZERO	12	1.58	13	2.16	13	2.20	3	1.98
OK LIBERTY MOUND	RU	IA	B B	1.86	77					65	0.44				
OK OCHELATA	RU	IA	B B	1.80	77					5	1.02				
OK SKIATOOK	RU	IA	B B	2.66	77					6	0.05				
OK SPERRY	SU	IA	B B	1.20	77					10	0.67				
OK TULSA	UR	DA	E B	1.00	78					1	1.42				
OK TULSA	UR	IA	B B	1.13	77					76	1.55				
OK TULSA	UR	IA	B B	1.36	77					72	0.87				
OK TULSA	SR	IN	E B	1.00	78					1	4.11				
OK VERA	SU	IA	B B	1.33	77					6	0.37				
OK WYONA	RU	IA	B B	2.50	77					4	0.14				
PA PHILADELPHIA	UR	HR	A B	1.00	79					29	4.61				
PA PHILADELPHIA	SR	HR	A B	1.00	79					41	3.13				
TN SMOKEY MT NP	RE	DA	E B	1.00	78					1	0.53				
TX BURNETT	RE	DA	D J	2.00	77							1	161.		
TX DEER PARK	UR	IN	E B	1.00	74			1	1.95						
TX DEER PARK	SR	DA	D J	2.00	77							1	401.		
TX DENVER CITY	SR	DA	D J	2.00	77							4	7,600.		
TX DENVER CITY	SR	DA	D J	2.00	77							3	6,170.		
TX DENVER CITY	SR	DA	D J	2.00	77							7	6,520.		
TX EL PASO	SR	DA	D J	2.00	78			15	4.61						
TX HOUSTON	UR	IN	E B	1.00	74	1	24.8	1	25.2						
TX HOUSTON	SR	DA	D J	2.00	77					10	0.29				
TX HOUSTON	UR	DA	B B	1.00	80			10	5.29						
TX HOUSTON	UR	IA	A B	1.00	76					9	14.8				

Table A-19. Summary of Quarterly and Annual Average Statistics for o-Xylene

POLLUTANT(102): O-XYLENE

CITY	SITE	DAS TAM	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
TX HOUSTON	SR	IN E	B	1.00	74			1	7.92						
TX HOUSTON	UR	IA A	B	1.00	76					9	119.				
TX HOUSTON	UR	IA A	B	1.00	76					17	11.1				
TX HOUSTON	UR	IN E	B	1.00	74	1	31.4								
TX HOUSTON	UR	IN E	B	1.00	73					1	40.8				
TX HOUSTON	UR	IN E	B	1.00	74	1	43.2								
TX JACINTO CITY	SR	IN E	B	1.00	73					1	4.56				
TX JACINTO CITY	SR	IN E	B	1.00	74	1	28.2	1	11.0						
TX JONES ST FRST	RU	DA E	B	1.00	78	2	3.14								
TX MONROE CITY	RU	IA A	B	1.00	76					1	1.00				
TX PASADENA	SR	IN E	B	1.00	73					1	4.78				
TX PASADENA	SR	IN E	B	1.00	74	1	31.6	1	1.85						
UT MAGNA	SR	DA D	J	2.00	77							10	0.28		
WV S CHARLESTON	SR	DA D	J	2.00	77	10	0.14								

Table A-20. Summary of Quarterly and Annual Average Statistics for m/p-Xylene

POLLUTANT(103): M/P-XYLENE

CITY	SITE	TA	M	M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D	J	2.00	77			10	3.43						
AR EL DORADO	SR	DA	D	J	2.00	78			8	20.4	3	44.5				
AZ GRAND CANYON	RE	LT	D	J	4.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B	B	1.00	79			10	18.5						
CA AZUSA	UR	IA	E	B	1.00	75					17	48.8				
CA EL MONTE	UR	IA	E	B	1.00	75					40	32.7				
CA LONG BEACH	UR	DA	B	B	1.00	79			10	18.0	10	15.9			2	16.9
CA LOS ANGELES	UR	DA	B	B	1.00	79			9	19.8						
CA OAKLAND	UR	DA	B	B	1.00	80			1	12.2	8	6.08				
CA RIVERSIDE	UR	IA	E	B	1.00	75					11	9.47				
CA UPLAND	SR	DA	D	J	2.00	77			8	17.0	17	29.5			2	23.3
CO DENVER	UR	DA	B	B	1.00	80					19	10.2				
CO DENVER	UR	DA	A	B	1.00	73			11	11.9						
CO RIO BLANCO CN	RE	DA	E	B	1.00	78							34	26.2		
LA BATON ROUGE	SR	DA	D	J	2.00	77					1	2.08				
MO ST LOUIS	UR	DA	B	B	1.20	80			8	0.14						
NJ BATSTO	UR	DA	D	B	1.81	79			10	3.91						
NJ CAMDEN	UR	DA	D	B	1.00	79	1	1.69	6	1.32	15	0.54	15	1.74	3	1.20
NJ ELIZABETH	UR	DA	D	B	1.14	79			8	8.85	13	30.3	2	89.2	2	19.6
NJ ELIZABETH	SR	DA	D	J	2.00	78	1	14.8	11	11.9	16	35.3	14	15.8	3	21.0
NJ NEWARK	UR	DA	D	B	1.09	79					9	92.0				
NJ RUTHERFORD	UR	DA	D	B	1.05	79	1	8.25	12	5.68	15	6.32	15	19.8	3	10.6
NJ SOUTH AMBOY	UR	DA	D	B	1.30	79	1	8.68	7	14.3	14	15.5	15	18.2	3	16.0
OH COLUMBUS	UR	DA	D	J	2.00	74	1	ZERO	12	4.37	13	6.15	13	5.33	3	5.28
OK LIBERTY MOUND	RU	IA	B	B	1.83	77		1.55								
OK LIBERTY MOUND	RU	IA	B	B	3.00	77					65	0.76				
OK OCHELATA	RU	IA	B	B	2.20	77					1	ZERO				
OK SKIATOOK	RU	IA	B	B	3.00	77					5	0.07				
OK SPERRY	SU	IA	B	B	1.20	77					6	0.02				
OK TULSA	UR	DA	E	B	1.00	78					10	1.29				
OK TULSA	UR	IA	B	B	1.10	77					1	3.31				
OK TULSA	UR	IA	B	B	1.19	77					76	2.49				
OK TULSA	SR	IN	E	B	1.00	78					72	1.29				
OK VERA	SU	IA	B	B	1.66	77					1	7.80				
OK WYONA	RU	IA	B	B	2.50	77					6	0.43.				
PA PHILADELPHIA	UR	HR	A	B	1.00	79					4	0.20				
PA PHILADELPHIA	SR	HR	A	B	1.00	79					29	11.4				
TN SMOKEY MT NP	RE	DA	E	B	1.00	78					41	6.18				
TX BURNETT	RE	DA	D	J	2.00	77					1	0.99				
TX DEER PARK	UR	IN	E	B	1.00	74							1	178.		
TX DEER PARK	SR	DA	D	J	2.00	77			1	8.25						
TX DENVER CITY	SR	DA	D	J	2.00	77							1	486.		
TX DENVER CITY	SR	DA	D	J	2.00	77							4	9,850.		
TX DENVER CITY	SR	DA	D	J	2.00	77							3	8,040.		
TX EL PASO	SR	DA	D	J	2.00	78							7	1,270.		
TX HOUSTON	UR	IN	E	B	1.00	74			15	6.77						
TX HOUSTON	SR	DA	D	J	2.00	77	1	53.4	1	18.6						
TX HOUSTON	UR	DA	B	B	1.00	80					10	0.70				
									10	15.7						

Table A-20. Summary of Quarterly and Annual Average Statistics for m/p-Xylene

POLLUTANT(103): M/P-XYLENE

C I T Y	SI TE	DA TA	S M	A H	QUAL	YR	-- Q T R 1 -- CNT	AVERAGE	-- Q T R 2 -- CNT	AVERAGE	-- Q T R 3 -- CNT	AVERAGE	-- Q T R 4 -- CNT	AVERAGE	- A N N U A L - QTRS	AVERAGE
TX HOUSTON	SR	IN	E	B	1.00	73					1	6.84				
TX HOUSTON	SR	IN	E	B	1.00	73					1	7.65				
TX HOUSTON	UR	IA	A	B	1.00	76					9	26.8				
TX HOUSTON	SR	IN	E	B	1.00	73					1	7.92				
TX HOUSTON	SR	IN	E	B	1.00	74			1	35.2						
TX HOUSTON	UR	IA	A	B	1.00	76					9	225.				
TX HOUSTON	UR	IA	A	B	1.00	76					17	24.2				
TX HOUSTON	UR	IN	E	B	1.00	74	1	82.0								
TX HOUSTON	UR	IN	E	B	1.00	73					1	57.6				
TX HOUSTON	UR	IN	E	B	1.00	74	1	115.								
TX JACINTO CITY	SR	IN	E	B	1.00	73					1	14.3				
TX JACINTO CITY	SR	IN	E	B	1.00	74	1	76.9	1	43.2						
TX JONES ST FRST	RU	DA	E	B	1.00	78	2	6.77								
TX LA PORTE	SU	IN	E	B	1.00	73					1	6.57				
TX MONROE CITY	RU	IA	A	B	1.00	76					1	1.00				
TX PASADENA	SR	IN	E	B	1.00	73					1	9.77				
TX PASADENA	SR	IN	E	B	1.00	74	1	87.6	1	7.16						
UT MAGNA	SR	DA	D	J	2.00	77							10	0.79		
WV S CHARLESTON	SR	DA	D	J	2.00	77	10	0.18								

Figure A-1. Air Quality Sites for (034) Acetaldehyde

SASD OAQPS 28 Mar 1984

Figure A-2. Air Quality Sites for (039) Acrolein

SASD OAQPS 28 Mar 1984

Figure A-3. Air Quality Sites for (042) Acrylonitrile

SASD OAQPS 28 Mar 1984

Figure A-4. Air Quality Sites for (007) Carbon Tetrachloride

SASD OAQPS 28 Mar 1984

Figure A-5. Air Quality Sites for (006) Chloroform

SASD OAQPS 28 Mar 1984

Figure A-6. Air Quality Sites for (021) Chloroprene

SASD OAQPS 28 Mar 1984

Figure A-7. Air Quality Sites for (036) o-Cresol

SASD OAQPS 28 Mar 1984

Figure A-8. Air Quality Sites for (026) p-Dichlorobenzene

SASD OAQPS 28 Mar 1984

Figure A-9. Air Quality Sites for (044) Dimethyl Nitrosamine

SASD OAQPS 28 Mar 1984

Figure A-10. Air Quality Sites for (033) Formaldehyde

SASD OAQPS 28 Mar 1984

Figure A-11. Air Quality Sites for (003) Methylene Chloride

SASD OAQPS 28 Mar 1984

Figure A-12. Air Quality Sites for (043) Nitrobenzene

SASD OAQPS 28 Mar 1984

Figure A-13. Air Quality Sites for (122) Phenol

SASD OAQPS 28 Mar 1984

Figure A-14. Air Quality Sites for (035) Phosgene

SASD OAQPS 28 Mar 1984

Figure A-15. Air Quality Sites for (010) Methyl Chloroform

SASD OAQPS 28 Mar 1984

Figure A-16. Air Quality Sites for (101) Toluene

SASD OAQPS 28 Mar 1984

Figure A-17. Air Quality Sites for (018) Trichloroethylene

SASD OAQPS 28 Mar 1984

Figure A-18. Air Quality Sites for (016) Vinylidene Chloride

SASD OAQPS 28 Mar 1984

Figure A-19. Air Quality Sites for (102) o-Xylene

SASD OAQPS 28 Mar 1984

Figure A-20. Air Quality Sites for *(103) m/p-Xylene

SASD OAQPS 28 Mar 1984

Table A-21

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - BERYLLIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
AL	BIRMINGHAM	010380003A 1	90	7	3	81	29	.0900		.0800	*	******		******	
AL	GADSDEN	011480003A 2	90	7	3	81	30	.1400		.1200		******		******	
AL	HUNTSVILLE	011860003A 1	90	7	3	81	29	.0900		.0800		.0400		******	
AL	JEFFERSON CO	011980003A 2	90	7	3	82	29	.0800		******		******		******	
AL	MOBILE	012380002A 1	90	7	3	81	29	.2000		.0800		******		******	
AK	ANCHORAGE	020040003A 1	90	7	3	80	24	.0600	*	.0001	*	.0001	*	******	
AZ	COCONINO CO	030200005K 3	92	7	1	79	59	.0001	*	.0001	*	.0001	*	.0001	*
AZ	DOUGLAS	030240004A 1	90	7	3	79	27	.0500		******		******		******	
AZ	GRAND CANYON NAT PARK	030370001A 3	90	7	3	81	23	.0900	*	.0300	*	******		******	
AZ	MOHAVE CO	030500009K 3	92	7	1	79	49	.0001	*	******		******		******	
AZ	NAVAJO CO	030520003K 3	92	7	1	79	78	.0001	*	******		******		******	
AZ	PHOENIX	030600002A 1	90	7	3	82	27	.1100		.0900		.0800		.0500	
AZ	TUCSON	030860001A 1	90	7	3	81	26	.0800		.0400		.0300		.0300	
AR	LITTLE ROCK	041440001A 1	90	7	3	82	23	.0300	*	******		******		******	
AR	MONTGOMERY CO	041760001A 3	90	7	3	82	22	.0300	*	******		******		******	
CA	ANAHEIM	050230001A 1	90	7	3	81	30	.2000		.0400		.0300		.0300	
CA	BAKERSFIELD	050520003A 1	90	7	3	81	23	.2200	*	.1500		******		******	
CA	BERKELEY	050740001A 1	90	7	3	79	20	.0300	*	******		******		******	
CA	FRESNO	052800002A 1	90	7	3	79	20	.0300	*	******		******		******	
CA	LOS ANGELES	054180103A 1	90	7	3	81	25	.1800		.1000		******		******	
CA	ONTARIO	055380001A 1	90	7	3	81	29	.1700		.0300		******		******	
CA	OXNARD	055560001A 1	90	7	3	81	26	.1300	*	.0800		******		******	
CA	SACRAMENTO	056580001A 1	90	7	3	81	24	.1100		.0400		.0300		******	
CA	SAN BERNARDINO	056680001A 1	90	7	3	79	20	.0300	*	******		******		******	
CA	SAN DIEGO	056800004A 1	90	7	3	81	28	.1100		.0900		.0300		******	
CA	SAN FRANCISCO	056860004A 1	90	7	3	81	23	.2000	*	.0800		******		******	
CA	SAN JOSE	056980004A 1	90	7	3	81	30	.1400		.0800		.0300		.0300	
CA	SANTA ANA	057180001A 1	90	7	3	79	20	.0300	*	******		******		******	
CO	DENVER	060580001A 1	90	7	3	82	27	.0600		******		******		******	
CO	LA PLATA CO	061300002K 3	92	7	1	79	66	.0001	*	.0001	*	******		******	
CO	MESA VERDE NAT PARK	061530003A 3	90	7	3	82	30	.0800		******		******		******	
CO	MONTEZUMA CO	061600004K 3	92	7	1	79	57	.0001	*	******		******		******	
CT	BRIDGEPORT	070060001A 1	90	7	3	79	27	.0400		******		******		******	
CT	NEW HAVEN	070700123A 1	90	7	3	79	27	.0500		******		******		******	
CT	WATERBURY	071240123A 1	90	7	3	79	27	.0400		******		******		******	
DE	WILMINGTON	080260005A 1	90	7	3	82	23	.0900	*	******		******		******	
DC	WASHINGTON	090020017A 1	90	7	3	82	24	.1000	*	******		******		******	
FL	DAVIE	100910002A 1	90	7	3	82	27	.1800		.1100		.0700		.0400	
FL	HIALEAH	101760001A 1	90	7	3	82	21	.0300		******		******		******	
FL	JACKSONVILLE	101960049A 1	90	7	3	82	28	.3000		.1400		.0500		******	

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table A-21

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - BERYLLIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
FL	ORLANDO	103280003A 1	90	7	3	81	30	.1300		.0500	*	******		******
FL	PALM BEACH CO	103420005A 1	90	7	3	81	30	.0800		.0300		******		******
FL	PENSACOLA	103540015A 1	90	7	3	81	30	.1100		.0300		******		******
FL	ST PETERSBURG	103980012A 1	90	7	3	81	20	.2100	*	.1200		.0300	*	******
FL	TAMPA	104360002A 1	90	7	3	81	25	.2500		.1100		.0500		.0400
GA	ATLANTA	110200001A 1	90	7	3	82	29	.1000		.0800		.0700		******
GA	COLUMBUS	111280001A 1	90	7	3	82	28	.0800		.0600		.0500		******
HI	HAWAII CO	120080001A 3	90	7	3	82	21	.0800	*	.0700		******		******
HI	HONOLULU	120120001A 1	90	7	3	80	31	.0700		.0600		.0400		******
IL	ELMHURST	142300001A 1	90	7	3	81	25	.0900	*	******		******		******
IL	GRANITE CITY	142960016A 1	90	7	3	81	22	.2600	*	******		******		******
IL	JOLIET	143760002A 1	90	7	3	81	20	.0600	*	******		******		******
IL	PEORIA	146080001A 1	90	7	3	81	22	.1300	*	******		******		******
IL	ROCKFORD	146680010A 1	90	7	3	81	27	.1300		******		******		******
IN	EVANSVILLE	151300006A 1	90	7	3	81	30	.1600		.0400	*	.0400		******
IN	FORT WAYNE	151380003A 1	90	7	3	82	31	.0300		******		******		******
IN	GARY	151520001A 1	90	7	3	79	21	.1600	*	.0300		******		******
IN	HAMMOND	151780001A 1	90	7	3	79	23	.1200	*	.0900	*	.0700		******
IN	INDIANAPOLIS	152040006A 1	90	7	3	82	30	.0300		.0300	*	******		******
IN	MONROE CO	152800002A 3	90	7	3	81	20	.1100	*	.1000	*	.0700		.0300
IN	SOUTH BEND	153880002A 1	90	7	3	81	25	.1000		.1000		.0300		.0300
IN	TERRE HAUTE	154080001A 1	90	7	3	81	28	.1000		.0300	*	.0300		******
IA	CEDAR RAPIDS	160640018A 2	90	7	3	81	29	.1400		.1100		.0800		******
IA	DAVENPORT	161060010A 1	90	7	3	81	30	.1800		.1300		.0900		.0500
IA	DES MOINES	161180001A 1	90	7	3	81	25	.1700		.1000		.0900		.0500
IA	DUBUQUE	161260008A 1	90	7	3	81	30	.1100		.0900		******		******
IA	WATERLOO	163760008A 1	90	7	3	81	30	.1400		******		******		******
KS	KANSAS CITY	171800015A 1	90	7	3	81	29	.1600		.1100		.0800		.0600
KS	TOPEKA	173560007A 1	90	7	3	81	29	.1100		.0600		******		******
KY	COVINGTON	180800001A 1	90	7	3	81	23	.1200	*	.0800		.0400		.0300
KY	LEXINGTON-FAYETTE	182300003A 1	90	7	3	81	28	.1100		.0800		.0700		.0600
KY	LOUISVILLE	182380035A 1	90	7	3	81	28	.1200		******		******		******
LA	BATON ROUGE	190280002A 1	90	7	3	82	30	.1000		.0600		.0300		******
LA	IBERVILLE PAR	191280002A 1	90	7	3	80	29	.0300		******		******		******
LA	NEW ORLEANS	192020002A 1	90	7	3	82	23	.1000		.0800		.0300		******
LA	SHREVEPORT	192740001A 1	90	7	3	82	28	.1000		.0600		.0300		******
ME	PORTLAND	200960012A 1	90	7	3	81	30	.5600		.2200		.1200		******
MD	BALTIMORE	210120001A 1	90	7	3	79	26	.0800		******		******		******
MD	CALVERT CO	210280001A 3	90	7	3	79	25	.0300		******		******		******
MD	DUNDALK	210620001A 1	90	7	3	82	22	.1600	*	******		******		******

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DATE - 041984

Table A-21

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - BERYLLIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD	4TH
MA	BOSTON	220240012A 1	90	7	3	79	20	.0300	*	******		******	******
MA	CAMBRIDGE	220360001A 1	90	7	3	79	21	.0500	*	******		******	******
MA	FALL RIVER	220580001A 1	90	7	3	80	23	.1000	*	******		******	******
MA	NEW BEDFORD	221500002A 1	90	7	3	79	27	.0500		.0500		******	******
MA	SPRINGFIELD	222160002A 1	90	7	3	79	23	.0300	*	******		******	******
MA	WORCESTER	222640004A 1	90	7	3	79	27	.0400		.0400		******	******
MI	DETROIT	231180015A 1	90	7	3	81	23	.4800	*	.4100	*	******	******
MI	FLINT	231580006A 1	90	7	3	81	29	.2000		.1100		******	******
MI	LANSING	232840001A 1	90	7	3	81	25	.2100	*	.1000		******	******
MN	DULUTH	241040017A 1	90	7	3	81	30	.3000		.0500		.0300	******
MN	MINNEAPOLIS	242260050A 1	90	7	3	81	30	.2000		******		******	******
MN	ST PAUL	243300017A 1	90	7	3	81	30	.1300		******		******	******
MT	CASCADE CO	270220302J 3	92	7	3	80	41	.1000	*	.1000	*	******	******
NE	LINCOLN	281560012A 1	90	7	3	81	28	.0700		******		******	******
NE	OMAHA	281880034A 1	90	7	3	81	30	.1000		.1000		.0800	.0600
NV	LAS VEGAS	290320001A 1	90	7	3	81	30	.2500		.0900		.0400	******
NV	RENO	290480001A 1	90	7	3	81	29	.0400		.0300		.0300	.0300
NV	WHITE PINE CO	290560001A 3	90	7	3	81	21	.1300	*	.0300		.0300	.0300
NJ	BAYONNE	310180001A 1	90	7	3	80	24	.0400		******		******	******
NJ	CAMDEN	310720005A 1	90	7	3	81	30	.3000		.0300		******	******
NJ	CAMDEN CO	310740006A 1	90	7	3	81	22	.3800	*	******		******	******
NJ	ELIZABETH	311300002A 1	90	7	3	79	22	.0300	*	.0300	*	******	******
NJ	GLASSBORO	311700001A 1	90	7	3	79	22	.0300	*	******		******	******
NJ	JERSEY CITY	312320001A 1	90	7	3	81	20	.5600	*	.0500		******	******
NJ	NEWARK	313480001A 1	90	7	3	81	21	.5400	*	.0300		.0300	******
NJ	PATERSON	314140005A 1	90	7	3	81	28	.2500		******		******	******
NJ	TRENTON	315400001A 1	90	7	3	80	21	.0600	*	******		******	******
NM	ALBUQUERQUE	320040001A 1	90	7	3	81	22	.5400	*	.0700		.0500	.0300
NM	RIO ARRIBA CO	320920003K 3	92	7	1	79	62	.0001	*	******		******	******
NM	SAN JUAN CO	321000007K 3	92	7	1	79	65	.0001	*	.0001	*	******	******
NY	BUFFALO	330660001A 1	90	7	3	81	22	.1200	*	.0900	*	.0300	******
NY	ENDICOTT	331980004A 1	90	7	3	82	30	.1400		******		******	******
NY	NEW YORK CITY	334680079A 1	90	7	3	82	24	.1400		******		******	******
NY	NIAGARA FALLS	334740001A 1	90	7	3	81	22	.1300	*	.0900		.0300	.0300
NY	ROCHESTER	335760001A 1	90	7	3	81	29	.2600		.0900	*	.0400	******
NY	SYRACUSE	336620013A 1	90	7	3	82	28	.1100		.0400		.0300	******
NY	UTICA	336880001A 1	90	7	3	81	20	.2000	*	.1700	*	.0400	.0400
NY	YONKERS	337620001A 1	90	7	3	80	27	.0400		.0300		******	******
NC	CHARLOTTE	340700001A 1	90	7	3	81	28	.1600		.1600		.0700	******
NC	DURHAM	341160001A 1	90	7	3	82	31	.1400		.1200		.0400	.0400

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Table A-21

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - BERYLLIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
NC	GREENSBORO	341740009A 1	90	7	3	82	26	.0900	*	******		******		******
NC	MOREHEAD CITY	342720002A 1	90	7	3	81	25	.1100	*	.0600		.0400		.0300
NC	RALEIGH	343240003A 1	90	7	3	82	27	.0600		******		******		******
NC	WINSTON-SALEM	344460002A 1	90	7	3	79	25	.0700		******		******		******
OH	AKRON	360060014A 1	90	7	3	82	31	.2500		.1800		.1200		.1000
OH	CANTON	361000001A 1	90	7	3	81	28	.2400		.2300	*	.1200		.0300
OH	CINCINNATI	361220001A 1	90	7	3	82	25	.2200		.2000		.1400		.1200
OH	CLEVELAND	361300001A 1	90	7	3	82	24	.2100	*	.1800		.1000		.0600
OH	COLUMBUS	361460001A 1	90	7	3	81	28	.1000		.0900		.0600		.0400
OH	DAYTON	361660014A 1	90	7	3	82	28	.2400		.1500		.0600		******
OH	MANSFIELD	363840008A 1	90	7	3	79	29	.0400		.0400		******		******
OH	PORTSMOUTH	365620002A 1	90	7	3	81	29	.1100		.0400		.0300		******
OH	STEUBENVILLE	366420012A 1	90	7	3	81	27	.2800		.1700		******		******
OH	TOLEDO	366600006A 1	90	7	3	82	30	.2500		.1500		.0700		******
OH	YOUNGSTOWN	367760001A 1	90	7	3	82	29	.2500		.2300		.2100		.1400
OK	MIDWEST CITY	371940006A 1	90	7	3	81	30	.0700		.0700		******		******
OK	OKLAHOMA CITY	372200035A 1	90	7	3	80	30	.0500		******		******		******
OR	PORTLAND	381460015A 2	90	7	3	81	28	.1400		.1300		.0800		.0600
PA	ALLENTOWN	390120003A 1	90	7	3	82	24	.1600	*	******		******		******
PA	BETHLEHEM	390780725A 2	90	7	3	82	21	.1500	*	******		******		******
PA	PHILADELPHIA	397140004A 1	90	7	3	82	31	.1600		.1100	*	******		******
PA	READING	397620015A 1	90	7	3	82	22	.1000	*	******		******		******
PA	SCRANTON	398040208A 1	90	7	3	82	20	.1100	*	******		******		******
PA	SHOYERSVILLE	398880206A 1	90	7	3	82	22	.0900		******		******		******
PR	GUAYANILLA CO	401100003A 1	90	7	3	80	27	.0700		.0400	*	.0300	*	.0300
PR	GUAYNABO CO	401140001A 1	90	7	3	80	27	.0600		******		******		******
PR	LEVITTOWN	401530001A 1	90	7	3	82	30	.2000		******		******		******
PR	PONCE	401920002A 1	90	7	3	81	26	.0800		.0600		.0400		.0300
PR	SAN JUAN CO	402160003A 1	90	7	3	79	26	.0300		******		******		******
PR	TOA BAJA CO	402320003A 1	90	7	3	80	20	.1500	*	.0400		******		******
RI	EAST PROVIDENCE	410120008A 1	90	7	3	80	30	.0400		.0300		******		******
RI	KENT CO	410140002A 5	90	7	3	79	23	.0300	*	******		******		******
RI	PROVIDENCE	410300017A 1	90	7	3	81	27	.6000	*	******		******		******
SC	CHARLESTON CO	420560003A 2	90	7	3	82	31	.2400		.1800		.0500		.0300
SC	COLUMBIA	420760006A 1	90	7	3	82	29	.0700		******		******		******
SC	GREENVILLE	421180004A 1	90	7	3	81	29	.1200		.0800		.0300		******
SD	CUSTER CO	430420001A 3	90	7	3	82	30	.1600		******		******		******
SD	HOT SPRINGS	430780001A 3	90	7	3	81	29	.0500		******		******		******
TN	CHATTANOOGA	440380020A 1	90	7	3	81	30	.1200		.1000		.1000		.0900
TN	MEMPHIS	442340013A 1	90	7	3	81	29	.1200		.0300		******		******

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DATE - 041984

Table A-21

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - BERYLLIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNIT	YR	OBS	1ST		2ND		3RD		4TH
TN	NASHVILLE-DAVIDSON	442540002A 1	90	7	3	81	27	.2100		.0300		******		******
UT	EMERY CO	460280001K 3	92	7	1	79	45	.0001	*	.0001	*	******		******
UT	GARFIELD CO	460300002K 3	92	7	1	79	65	.0001	*	.0001	*	******		******
UT	KANE CO	460400003K 3	92	7	1	79	73	.0001	*	******		******		******
UT	SAN JUAN CO	460960001K 3	92	7	1	79	64	.0001	*	.0001	*	.0001	*	******
UT	WASHINGTON CO	461280001K 3	92	7	1	79	67	.0001	*	.0001	*	******		******
VT	ORANGE CO	470360001A 3	90	7	3	81	22	.3400	*	.0400		******		******
VA	DANVILLE	480920009A 2	90	7	3	80	26	.0500	*	.0300		******		******
VA	HAMPTON	481440006A 1	90	7	3	82	31	.2000		.1600		******		******
VA	NORFOLK	482140016A 1	90	7	3	82	31	.3200		.2200		.0500		.0400
VA	RICHMOND	482660020A 1	90	7	3	82	25	.1300	*	******		******		******
VA	SALEM	482800001A 1	90	7	3	82	31	.0900		******		******		******
VA	SHENANDOAH NAT PARK	482890001A 3	90	7	3	81	29	.1000		.0300		.0300		******
WA	SEATTLE	491840057A 2	90	7	3	81	29	.1800		.1000		.0800		.0800
WA	SPOKANE	492040001A 1	90	7	3	81	30	.1500		.0700		.0300		******
WA	TACOMA	492140004A 2	90	7	3	81	29	.1000		.0400		.0400		.0300
WV	CHARLESTON	500280005A 1	90	7	3	82	22	.0500	*	******		******		******
WI	DOOR CO	510780002A 3	90	7	3	81	29	.1400		.0600		.0300		******
WI	EAU CLAIRE	510840002A 1	90	7	3	79	29	.0300		.0300	*	******		******
WI	KENOSHA	511540003A 1	90	7	3	80	28	.0400		.0300		******		******
WI	MADISON	511860024A 1	90	7	3	80	31	.1100		.1000		.0900		.0300
WI	MILWAUKEE	512200099A 1	90	7	3	81	28	.1000		.1000		.0900		.0900
WI	RACINE	512880002A 1	90	7	3	79	29	.0400		.0400		******		******
WI	SUPERIOR	513480006A 1	90	7	3	80	23	.0700	*	.0400		******		******
WY	TETON CO	520720001A 3	90	7	3	81	25	.0900	*	.0500	*	******		******
VI	CHARLOTTE AMALIE	550010002A 2	90	7	3	79	20	.0300	*	.0300	*	******		******

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Table A-22

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - BENZO(A)PYRENE

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
AL	BIRMINGHAM	010380003A 1	91	C	3	78	3	.6000	*	.4400		******		******
AL	GADSDEN	011480001A 1	91	C	3	77	4	.1600		******		******		******
AL	MONTGOMERY	012460001A 1	91	C	3	77	3	.1100	*	******		******		******
AZ	GRAND CANYON NAT PARK	030370001A 3	91	C	3	77	4	.0300		******		******		******
FL	JACKSONVILLE	101960002A 1	91	C	3	77	4	.3800		.3000	*	.1300		******
HI	HONOLULU	120120001A 1	91	C	3	77	4	.0500		******		******		******
IL	CHICAGO	141220001A 1	91	C	3	77	3	.2100	*	******		******		******
IN	GARY	151520001A 1	91	C	3	78	3	.3500	*	.2200		******		******
IN	INDIANAPOLIS	152040001A 1	91	C	3	77	3	.2900	*	******		******		******
IN	TERRE HAUTE	154080001A 1	91	C	3	79	3	.5300	*	.4100		.3200		******
KY	ASHLAND	180080002A 1	91	C	3	77	3	.9100	*	******		******		******
LA	BATON ROUGE	190280002A 1	91	7	3	80	24	.1100	*	.0700	*	.0400		******
LA	NEW ORLEANS	192020002A 1	91	7	3	80	27	.1800		.1700		******		******
ME	ACADIA NAT PARK	200010001A 3	91	C	3	77	4	.1500		******		******		******
MD	ANNAPOLIS	210060002G 1	91	C	3	77	11	1.2200		******		******		******
MD	ANNE ARUNDEL CO	210080003G 1	91	C	3	77	12	1.0500		.8400		.5500		.4300
MD	BALTIMORE	210120001H 1	91	C	3	77	12	1.7500		1.7400		1.6100		1.5300
MD	BALTIMORE CO	210140004G 1	91	C	3	77	9	.8000		.6400		******		******
MD	COCKEYSVILLE	210500006G 1	91	C	3	77	9	.7800		******		******		******
MD	CUMBERLAND	210560001G 1	91	C	3	77	12	1.9200		******		******		******
MD	EDGEMERE	210645001G 2	91	C	3	77	10	1.1500		******		******		******
MD	ELKTON	210660001F 1	91	C	3	77	12	.9200		******		******		******
MD	ESSEX	210680001G 1	91	C	3	77	9	1.4300		******		******		******
MD	HAGERSTOWN	210860002F 1	91	C	3	77	11	1.2300		******		******		******
MD	MIDDLE RIVER	211140002G 1	91	C	3	77	9	1.1000		******		******		******
MD	PRINCE GEORGES CO	211300023H 1	91	C	3	77	9	.3200		******		******		******
MD	RIVIERA BEACH	211360002G 1	91	C	3	77	12	.9200		******		******		******
MD	ROCKVILLE	211380002G 1	91	C	3	77	11	.8500		******		******		******
MD	WESTMINSTER	211720002F 1	91	C	3	77	9	.4700		******		******		******
MI	DETROIT	231180015A 1	91	7	3	81	23	7.4900	*	.4200		******		******
MN	DULUTH	241040001A 1	91	C	3	79	3	.3600	*	******		******		******
MN	ST PAUL	243300031A 1	91	C	3	77	3	.1200	*	******		******		******
MO	ST LOUIS	264280001A 1	91	C	3	77	3	.1600	*	******		******		******
NY	BUFFALO	330660001A 1	91	7	3	81	22	1.0000	*	******		******		******
OH	CLEVELAND	361300001A 1	91	C	3	78	4	.5300		******		******		******
OH	TOLEDO	366600001A 1	91	C	3	79	4	.2800		.1600		******		******
OH	YOUNGSTOWN	367760001A 1	91	C	3	79	4	4.2400		2.0100		1.1800		******
PA	BETHLEHEM	390780002A 1	91	C	3	78	3	.2000	*	.1500		******		******
PA	ERIE	393060002A 1	91	C	3	77	4	.2600		******		******		******
PA	PHILADELPHIA	397140001A 1	91	C	3	77	4	.4400		******		******		******

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - BENZO(A)PYRENE

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
PA	PITTSBURGH	397260001A 1	91	C	3	77	3	.8300	*	******		******		******
TN	CHATTANOOGA	440380001A 1	91	C	3	77	4	.6600		.4100		******		******
TX	HOUSTON	452560001A 1	91	C	3	78	3	.9100	*	******		******		******
VA	NORFOLK	482140001A 1	91	C	3	77	4	.2200		.1800		.1700		******
VA	SHENANDOAH NAT PARK	482890001A 3	91	C	3	77	4	.0600		.0500	*	******		******
WA	SEATTLE	491840001A 1	91	C	3	77	4	.4300		.2700		.0500	*	******
WA	SPOKANE	492040001A 1	91	C	3	77	3	.3800	*	.3500	*	.3400		******
WV	CHARLESTON	500280001A 1	91	C	3	78	3	.6400	*	.2900		******		******
WI	MILWAUKEE	512200064A 2	91	7	3	81	23	2.3900	*	.5400		.3500		.2500

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD	4TH
AL	BIRMINGHAM	010380003A 1	90	7	1	81	29	.0020		.0020	*	******	******
AL	GADSDEN	011480003A 2	90	7	1	81	30	.0020		.0010		******	******
AL	HUNTSVILLE	011860003A 1	90	7	1	80	30	.0010		.0010		.0010	******
AL	JEFFERSON CO	011980003A 2	90	7	1	82	29	.0030		******		******	******
AL	MOBILE	012380002A 1	90	7	1	81	29	.0020		.0010		******	******
AK	ANCHORAGE	020040003A 1	90	7	1	80	24	.0010	*	******		******	******
AZ	DOUGLAS	030240004A 1	90	7	1	79	27	.0070		******		******	******
AZ	GLENDALE	030320001G 1	92	7	1	80	47	.0035	*	.0010		.0005	.0005
AZ	GRAND CANYON NAT PARK	030370001A 3	90	7	1	81	23	.0010	*	.0010	*	******	******
AZ	MESA	030460003G 1	92	7	1	80	26	.0054	*	.0029		.0017	.0005
AZ	PHOENIX	030600013G 1	92	7	1	80	56	.0072		.0045		.0040	.0034
AZ	SCOTTSDALE	030740004G 1	92	7	1	80	55	.0046		.0033		.0016	.0010
AZ	TUCSON	030860001A 1	90	7	1	81	26	.0030		.0014	*	.0010	.0010
AR	LITTLE ROCK	041440001A 1	90	7	1	82	23	.0010	*	******		******	******
AR	MONTGOMERY CO	041760001A 3	90	7	1	82	22	.0020	*	******		******	******
CA	ANAHEIM	050230001A 1	90	7	1	79	20	.0040	*	.0030		.0010	.0010
CA	BAKERSFIELD	050520003A 1	90	7	1	81	23	.0020	*	.0010		******	******
CA	BERKELEY	050740001A 1	90	7	1	79	20	.0020	*	******		******	******
CA	FRESNO	052800002A 1	90	7	1	79	20	.0010	*	******		******	******
CA	LOS ANGELES	054180103A 1	90	7	1	81	25	.0040		.0020		******	******
CA	ONTARIO	055380001A 1	90	7	1	81	29	.0030		.0020		******	******
CA	OXNARD	055560001A 1	90	7	1	81	26	.0410	*	.0010		******	******
CA	SACRAMENTO	056580001A 1	90	7	1	79	21	.0060	*	.0020		.0010	******
CA	SAN BERNARDINO	056680001A 1	90	7	1	79	20	.0010	*	******		******	******
CA	SAN DIEGO	056800004A 1	90	7	1	81	28	.0020		.0010		.0010	******
CA	SAN FRANCISCO	056860004A 1	90	7	1	81	23	.0030	*	.0020		******	******
CA	SAN JOSE	056980004A 1	90	7	1	81	30	.0030		.0020		.0010	.0010
CA	SANTA ANA	057180001A 1	90	7	1	79	20	.0010	*	******		******	******
CO	DENVER	060580001A 1	90	7	1	82	27	.0050		******		******	******
CO	MESA VERDE NAT PARK	061530003A 3	90	7	1	82	30	.0010		******		******	******
CT	BRIDGEPORT	070060001A 1	90	7	1	79	27	.0030		******		******	******
CT	NEW HAVEN	070700123A 1	90	7	1	79	27	.0020		******		******	******
CT	WATERBURY	071240123A 1	90	7	1	79	27	.0020		******		******	******
DE	WILMINGTON	080260005A 1	90	7	1	82	23	.0010	*	******		******	******
DC	WASHINGTON	090020017A 1	90	7	1	82	24	.0010	*	******		******	******
FL	DAVIE	100910002A 1	90	7	1	79	29	.0010		.0010		.0010	.0010
FL	HIALEAH	101760001A 1	90	7	1	82	21	.0010		******		******	******
FL	JACKSONVILLE	101960049A 1	90	7	1	81	24	.0020		.0010		.0010	******
FL	ORLANDO	103280003A 1	90	7	1	81	30	.0020		.0010	*	******	******
FL	PALM BEACH CO	103420005A 1	90	7	1	81	30	.0010		.0010		******	******

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
FL	PENSACOLA	103540015A 1	90	7	1	81	30	.0010	.0010	******	******
FL	ST PETERSBURG	103980012A 1	90	7	1	80	29	.0010	.0010 *	.0010 *	******
FL	TAMPA	104360002A 1	90	7	1	79	22	.0030 *	.0030	.0010	.0010
GA	ATLANTA	110200001A 1	90	7	1	80	28	.0020	.0020 *	.0020	******
GA	COLUMBUS	111280001A 1	90	7	1	80	24	.0010 *	.0010	.0010	******
HI	HAWAII CO	120080001A 3	90	7	1	81	26	.0010	.0010 *	******	******
HI	HONOLULU	120120001A 1	90	7	1	79	29	.0010	.0010	.0010	******
ID	KELLOGG	130840006F 2	92	7	1	80	88	.4603	.3423	.3074	.3062
ID	SHOSHONE CO	131420021F 2	92	7	1	81	40	.6375 *	.6345	.5624	.4301
IL	ELMHURST	142300001A 1	90	7	1	81	25	.0020 *	******	******	******
IL	GRANITE CITY	142960016A 1	90	7	1	81	22	.0070 *	******	******	******
IL	JOLIET	143760002A 1	90	7	1	81	20	.0020 *	******	******	******
IL	PEORIA	146080001A 1	90	7	1	81	22	.0050 *	******	******	******
IL	ROCKFORD	146680010A 1	90	7	1	81	27	.0060	******	******	******
IN	EAST CHICAGO	151180003H 2	92	7	1	81	59	.0043	.0042	.0042 *	.0042 *
IN	EVANSVILLE	151300006A 1	90	7	1	81	30	.0020	.0010 *	.0010	******
IN	FORT WAYNE	151380003F 1	92	7	1	79	59	.0016	.0014 *	.0010	******
IN	GARY	151520016A 1	90	7	1	82	29	.0030	.0023	.0013 *	.0011
IN	HAMMOND	151780007H 1	92	7	1	79	51	.0100	.0044	.0040 *	.0037
IN	INDIANAPOLIS	152040037F 1	92	7	1	79	41	.0063 *	.0058	.0040	.0011 *
IN	JEFFERSONVILLE	152160001F 1	92	7	1	79	57	.0018	******	******	******
IN	KOKOMO	152280002F 1	92	7	1	79	51	.0033	******	******	******
IN	MONROE CO	152800001A 3	90	7	1	79	28	.0010	.0010 *	.0010	.0010 *
IN	MUNCIE	152920003F 1	92	7	1	79	53	.0010	******	******	******
IN	SOUTH BEND	153880002A 1	90	7	1	81	25	.0020	.0010	.0010	.0010
IN	TERRE HAUTE	154080001A 1	90	7	1	81	28	.0020	.0010 *	.0010	******
IN	WHITING	154540003H 1	92	7	1	82	24	.0123 *	.0031	******	******
IA	CEDAR RAPIDS	160640018A 2	90	7	1	79	21	.0010 *	.0010 *	.0010	******
IA	DAVENPORT	161060010A 1	90	7	1	82	27	.0110	.0100 *	.0050	.0020
IA	DES MOINES	161180001A 1	90	7	1	81	25	.0020	.0010	.0010	.0010
IA	DUBUQUE	161260008A 1	90	7	1	80	20	.0010 *	.0010	******	******
IA	WATERLOO	163760008A 1	90	7	1	81	30	.0020	******	******	******
KS	KANSAS CITY	171800015A 1	90	7	1	81	29	.0050	.0030	.0020	.0010
KS	TOPEKA	173560007A 1	90	7	1	80	24	.0010	.0010	******	******
KY	ALEXANDRIA	180030002F 1	92	C	1	81	9	.0011	******	******	******
KY	ASHLAND	180080002F 1	92	C	1	81	9	.0034	.0018	.0017	.0016
KY	BALLARD CO	180100003F 1	92	C	1	79	12	.0012	******	******	******
KY	BEAVER DAM	180190001F 2	92	C	1	79	11	.0017	.0010	******	******
KY	BOONE CO	180280002F 1	92	C	1	79	11	.0013	.0013	.0010	.0010
KY	BOWLING GREEN	180320005F 1	92	C	1	79	11	.0010	.0010	******	******

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POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
KY	CARROLL CO	180580001F 3	92	C	1	79	10	.0011	******	******	******
KY	CARROLLTON	180600001F 1	92	C	1	81	9	.0010	******	******	******
KY	CARTER CO	180620002F 1	92	C	1	79	9	.0011	******	******	******
KY	CATLETTSBURG	180660001F 1	92	C	1	79	12	.0022	******	******	******
KY	CORBIN	180780001F 1	92	C	1	79	12	.0012	.0010	******	******
KY	COVINGTON	180800001A 1	90	7	1	81	23	.0030 *	.0020 *	.0010	.0010
KY	CYNTHIANA	180880001F 1	92	C	1	79	12	.0012	******	******	******
KY	DAYTON	180960001F 1	92	C	1	81	9	.0012	******	******	******
KY	ELIZABETHTOWN	181040002F 1	92	C	1	79	12	.0012	.0011	.0011	.0010
KY	ERLANGER	181100001F 1	92	C	1	79	11	.0015	******	******	******
KY	FLORENCE	181220001F 1	92	C	1	79	11	.0011	******	******	******
KY	FORT THOMAS	181260001F 1	92	C	1	79	10	.0016	******	******	******
KY	FRANKFORT	181280004F 5	92	C	1	79	11	.0012	.0010	******	******
KY	FRANKLIN	181300001F 1	92	C	1	79	11	.0010	******	******	******
KY	FRANKLIN CO	181320001F 3	92	C	1	81	9	.0012	.0011	******	******
KY	GALLATIN CO	181380001F 3	92	C	1	79	9	.0014	******	******	******
KY	GLASGOW	181440001F 1	92	C	1	79	10	.0010	.0010	******	******
KY	GREEN CO	181520001F 1	92	C	1	81	9	.0010	******	******	******
KY	GREENUP CO	181540003F 2	92	C	1	79	11	.0011	.0010	******	******
KY	HANCOCK CO	181580002F 1	92	C	1	79	11	.0013	.0012	.0011	.0010
KY	HARLAN	181620002F 1	92	C	1	79	11	.0014	******	******	******
KY	HAZARD	181720001F 1	92	C	1	79	9	.0012	******	******	******
KY	HENDERSON	181740004F 1	92	C	1	79	12	.0012	.0011	.0011	.0011
KY	HENDERSON CO	181760006F 2	92	C	1	79	10	.0015	.0010	.0010	******
KY	HIGHLAND HEIGHTS	181820001F 3	92	C	1	81	9	.0012	******	******	******
KY	HOPKINSVILLE	181860002F 1	92	C	1	79	11	.0011	******	******	******
KY	LEITCHFIELD	182220002F 1	92	C	1	81	9	.0011	******	******	******
KY	LEXINGTON-FAYETTE	182300010F 2	92	C	1	79	12	.0012	.0012	.0011	.0011
KY	LIVINGSTON CO	182320002F 2	92	C	1	79	12	.0012	******	******	******
KY	LONDON	182360002F 1	92	C	1	79	10	.0011	.0010	******	******
KY	LOUISVILLE	182380035A 1	90	7	1	81	28	.0030	******	******	******
KY	MC CRACKEN CO	182460023F 2	92	C	1	79	11	.0013	.0012	.0012	.0011
KY	MADISONVILLE	182540001F 1	92	C	1	79	12	.0010	.0010	******	******
KY	MARSHALL CO	182600010F 1	92	C	1	79	11	.0014	.0013	******	******
KY	MAYFIELD	182660002F 1	92	C	1	81	9	.0013	******	******	******
KY	MAYSVILLE	182680004F 1	92	C	1	79	9	.0013	******	******	******
KY	MIDDLESBOROUGH	182780001F 1	92	C	1	79	9	.0013	******	******	******
KY	OHIO CO	183080026F 2	92	C	1	79	11	.0013	.0012	.0012	.0010
KY	OLDHAM CO	183100002F 1	92	C	1	79	12	.0011	.0010	******	******
KY	OWENSBORO	183140002F 1	92	C	1	79	12	.0017	.0014	.0012	.0012

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POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
KY	PADUCAH	183180004F 1	92	C	1	79	11	.0015	.0012	.0012	.0012
KY	PIKEVILLE	183320001F 1	92	C	1	79	10	.0010	******	******	******
KY	PINEVILLE	183340001F 2	92	C	1	79	10	.0016	******	******	******
KY	PRINCETON	183420001F 1	92	C	1	79	12	.0012	.0010	******	******
KY	RICHMOND	183500001F 1	92	C	1	79	11	.0014	.0011	******	******
KY	RUSSELLVILLE	183600002F 1	92	C	1	79	11	.0010	.0010	******	******
KY	SHELBYVILLE	183700001F 1	92	C	1	79	12	0011	******	******	******
KY	SHEPHERDSVILLE	183710003F 1	92	C	1	79	11	.0015	.0010	******	******
KY	SOMERSET	183760002F 1	92	C	1	79	12	.0017	.0010	******	******
KY	WEBSTER CO	184020001F 2	92	C	1	79	12	.0012	******	******	******
KY	WINCHESTER	184100001F 1	92	C	1	79	11	.0012	.0010	******	******
LA	BATON ROUGE	190280002A 1	90	7	1	81	28	.0020	.0010	.0010	******
LA	IBERVILLE PAR	191280002A 1	90	7	1	80	29	.0010	******	******	******
LA	NEW ORLEANS	192020002A 1	90	7	1	80	28	.0010	.0010	.0010	******
LA	SHREVEPORT	192740001A 1	90	7	1	81	28	.0020	.0010	.0010	******
ME	PORTLAND	200960004A 1	90	7	1	80	27	.0020	.0020	.0010	******
MD	BALTIMORE	210120001A 1	90	7	1	79	26	.0020	******	******	******
MD	CALVERT CO	210280001A 3	90	7	1	79	25	.0010	******	******	******
MD	DUNDALK	210620001A 1	90	7	1	82	22	.0010 *	******	******	******
MD	LAUREL	211060003H 1	92	C	1	80	12	.0227	******	******	******
MA	BOSTON	220240012A 1	90	7	1	79	20	.0020 *	******	******	******
MA	CAMBRIDGE	220360001A 1	90	7	1	79	21	.0020 *	******	******	******
MA	FALL RIVER	220580001A 1	90	7	1	80	23	.0020 *	******	******	******
MA	NEW BEDFORD	221500002A 1	90	7	1	79	27	.0010	.0010	******	******
MA	SPRINGFIELD	222160002A 1	90	7	1	79	23	.0020 *	******	******	******
MA	WORCESTER	222640004A 1	90	7	1	79	27	.0010	.0010	******	******
MI	DETROIT	231180015A 1	90	7	1	81	23	.0100 *	.0060 *	******	******
MI	FLINT	231580006A 1	90	7	1	81	29	.0020	.0010	******	******
MI	LANSING	232840001A 1	90	7	1	81	25	.0010 *	.0010	******	******
MN	DULUTH	241040017A 1	90	7	1	79	21	.0020 *	.0020	.0010	******
MN	MINNEAPOLIS	242260050A 1	90	7	1	81	30	.0010	******	******	******
MN	ST PAUL	243300017A 1	90	7	1	81	30	.0030	******	******	******
MT	ANACONDA-DEER LODGE CO	270020007F 1	92	7	1	79	114	.0189	.0100 *	******	******
MT	BILLINGS	270080006F 5	92	7	1	79	37	.0023 *	.0019	.0018 *	.0017
MT	BUTTE-SILVER BOW	270160020F 1	92	7	1	79	79	.0134 *	.0124 *	.0112	.0105
MT	DEER LODGE CO	270400004F 2	92	7	1	79	29	.0177 *	******	******	******
MT	GLACIER NAT PARK	270570007F 2	92	7	1	81	33	.0007 *	.0003	******	******
MT	GREAT FALLS	270660016F 1	92	7	1	79	90	.0022	.0014 *	******	******
MT	JEFFERSON CO	270760903F 2	92	7	1	79	47	.0251 *	******	******	******
MT	LEWIS AND CLARK CO	270860002F 2	92	7	1	81	24	.2048 *	.1698 *	.1393 *	.1180 *

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table A-23

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
MT	MISSOULA CO	271100001G	1	92	7	1	79	80	.0034		.0034		******		******	
NE	LINCOLN	281560012A	1	90	7	1	81	28	.0010		******		******		******	
NE	OMAHA	281880034A	1	90	7	1	79	29	.0020		.0020		.0010		.0010	
NV	LAS VEGAS	290320001A	1	90	7	1	81	30	.0020		.0010		.0010		******	
NV	RENO	290480001A	1	90	7	1	81	29	.0020		.0010		.0010		.0010	
NV	WHITE PINE CO	290560001A	3	90	7	1	81	21	.0020	*	.0010		.0010		.0010	
NJ	BAYONNE	310180001A	1	90	7	1	80	24	.0050		******		******		******	
NJ	CAMDEN	310720005A	1	90	7	1	81	30	.0040		.0030		******		******	
NJ	CAMDEN CO	310740006A	1	90	7	1	81	22	.0030	*	******		******		******	
NJ	ELIZABETH	311300002A	1	90	7	1	79	22	.0070	*	.0030	*	******		******	
NJ	GLASSBORO	311700001A	1	90	7	1	79	22	.0010	*	******		******		******	
NJ	JERSEY CITY	312320001A	1	90	7	1	81	20	.0090	*	.0060		******		******	
NJ	NEWARK	313480001A	1	90	7	1	81	21	.0150	*	.0050		.0030		******	
NJ	PATERSON	314140005A	1	90	7	1	81	28	.0030		******		******		******	
NJ	TRENTON	315400001A	1	90	7	1	80	21	.0040	*	******		******		******	
NM	ALBUQUERQUE	320040001A	1	90	7	1	81	23	.0020		.0010		.0010		.0010	*
NY	BUFFALO	330660001A	1	90	7	1	81	22	.0020	*	.0010		.0010	*	******	
NY	ENDICOTT	331980004A	1	90	7	1	82	30	.0010		******		******		******	
NY	NEW YORK CITY	334680079A	1	90	7	1	82	24	.0030		******		******		******	
NY	NIAGARA FALLS	334740001A	1	90	7	1	81	22	.0020	*	.0010		.0010		.0010	
NY	ROCHESTER	335760001A	1	90	7	1	81	29	.0020		.0010		.0010	*	******	
NY	SYRACUSE	336620001A	1	90	7	1	79	27	.0010	*	.0010		.0010		******	
NY	UTICA	336880001A	1	90	7	1	79	28	.0010		.0010	*	.0010	*	.0010	*
NY	YONKERS	337620001A	1	90	7	1	79	21	.0030	*	.0020		******		******	
NC	CHARLOTTE	340700001A	1	90	7	1	81	28	.0020		.0010		.0010		******	
NC	DURHAM	341160001A	1	90	7	1	82	31	.0050		.0030		.0020		.0010	
NC	GREENSBORO	341740009A	1	90	7	1	82	26	.0010	*	******		******		******	
NC	MOREHEAD CITY	342720002A	1	90	7	1	81	25	.0020	*	.0010		.0010		.0010	
NC	RALEIGH	343240003A	1	90	7	1	82	27	.0020		******		******		******	
NC	WINSTON-SALEM	344460002A	1	90	7	1	79	25	.0010		******		******		******	
OH	AKRON	360060014A	1	90	7	1	79	25	.0020		.0020		.0020		.0020	
OH	CANTON	361000001A	1	90	7	1	79	27	.0090		.0050		.0030		.0010	*
OH	CINCINNATI	361220019A	1	90	7	1	80	26	.0050		.0040	*	.0030		.0030	
OH	CLEVELAND	361300001A	1	90	7	1	80	27	.0060		.0040	*	.0030	*	.0020	
OH	COLUMBUS	361460001A	1	90	7	1	82	31	.0100		.0040		.0030		.0030	
OH	DAYTON	361660014A	1	90	7	1	80	28	.0020		.0020	*	.0010		******	
OH	MANSFIELD	363840008A	1	90	7	1	80	28	.0040		.0010		******		******	
OH	PORTSMOUTH	365620002A	1	90	7	1	81	29	.0020		.0010		.0010		******	
OH	STEUBENVILLE	366420012A	1	90	7	1	79	28	.0050		.0020		******		******	
OH	TOLEDO	366600006A	1	90	7	1	79	29	.0020		.0020	*	.0010		******	

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
OH	YOUNGSTOWN	367760001A 1	90	7	1	82	29	.0040	.0030 *	.0030	.0020
OK	MIDWEST CITY	371940006A 1	90	7	1	81	30	.0020	.0010	******	******
OK	OKLAHOMA CITY	372200035A 1	90	7	1	80	30	.0020	******	******	******
OR	PORTLAND	381460015A 2	90	7	1	80	28	.0040	.0040	.0030	.0020
PA	ALLENTOWN	390120003A 1	90	7	1	82	24	.0010 *	******	******	******
PA	BETHLEHEM	390780725A 2	90	7	1	82	21	.0010 *	******	******	******
PA	PHILADELPHIA	397140004A 1	90	7	1	82	31	.0020	.0020 *	******	******
PA	READING	397620015A 1	90	7	1	82	22	.0010 *	******	******	******
PA	SCRANTON	398040208A 1	90	7	1	82	20	.0010 *	******	******	******
PA	SHOYERSVILLE	398880206A 1	90	7	1	82	22	.0010	******	******	******
PR	GUAYANILLA CO	401100003A 1	90	7	1	79	22	.0010 *	.0010	.0010 *	.0010 *
PR	GUAYNABO CO	401140001A 1	90	7	1	80	27	.0010	******	******	******
PR	LEVITTOWN	401530001A 1	90	7	1	82	30	.0010	******	******	******
PR	PONCE	401920002A 1	90	7	1	81	26	.0020	.0010	.0010	.0010
PR	SAN JUAN CO	402160003A 1	90	7	1	79	26	.0010	******	******	******
PR	TOA BAJA CO	402320002A 1	90	7	1	79	27	.0010	.0010 *	******	******
RI	EAST PROVIDENCE	410120008A 1	90	7	1	79	23	.0020 *	.0020	******	******
RI	KENT CO	410140002A 5	90	7	1	79	23	.0010 *	******	******	******
RI	PROVIDENCE	410300017A 1	90	7	1	81	27	.0030 *	******	******	******
SC	CHARLESTON CO	420560003A 2	90	7	1	81	28	.0020	.0010 *	.0010	.0010
SC	COLUMBIA	420760006A 1	90	7	1	82	29	.0010	******	******	******
SC	GREENVILLE	421180001A 1	90	7	1	79	21	.0010 *	.0010	.0010	******
SD	CUSTER CO	430420001A 3	90	7	1	82	30	.0010	******	******	******
SD	HOT SPRINGS	430780001A 3	90	7	1	81	29	.0030	******	******	******
TN	CHATTANOOGA	440380006A 2	90	7	1	81	29	.0030	.0030	.0020	.0020
TN	MEMPHIS	442340013A 1	90	7	1	81	29	.0020	.0010	******	******
TN	NASHVILLE-DAVIDSON	442540002A 1	90	7	1	81	27	.0020	.0010	******	******
TX	ABILENE	450010001F 1	96	7	1	79	53	.0500	.0300	.0300	.0300
TX	ALVIN	450060001F 1	96	7	1	79	36	.0400	.0300 *	.0300 *	******
TX	AMARILLO	450070002F 1	96	7	1	80	23	.0300 *	.0300	******	******
TX	ARLINGTON	450170004F 3	96	7	1	79	57	.0400	.0400	.0300	.0300
TX	AUSTIN	450220012F 1	96	7	1	79	30	.0500 *	.0400	.0400	.0400 *
TX	BAYTOWN	450320001F 1	96	7	1	79	49	.0400	.0400 *	.0400	.0300
TX	BEAUMONT	450330001F 1	96	7	1	81	53	.0300	.0300 *	.0300 *	.0300 *
TX	BIG SPRING	450440002F 1	96	7	1	79	46	.0300	.0300 *	.0300	******
TX	BRIDGEPORT	450600001F 3	96	7	1	79	44	.0300 *	.0300 *	.0300	******
TX	BROWNSVILLE	450650003F 1	96	7	1	79	33	.0400	.0400 *	.0300	.0300
TX	BROWNWOOD	450660002F 1	96	7	1	79	55	.0300	.0300	.0300	******
TX	CALHOUN CO	450720001F 1	96	7	1	80	20	.0300 *	******	******	******
TX	CHAMBERS CO	450860001F 3	96	7	1	79	35	.0500 *	.0300 *	******	******

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Table A-23

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	CLUTE	450950003F 1	96	7	1	79	32	.0300	*	.0300		******		******	
TX	COLLIN CO	451020001F 1	96	7	1	81	34	.0400	*	******		******		******	
TX	CORPUS CHRISTI	451150012F 1	96	7	1	81	36	.0400	*	.0400	*	.0400		.0300	*
TX	CORSICANA	451160001F 1	96	7	1	81	42	.0300	*	******		******		******	
TX	DALLAS	451310045F 1	96	7	1	79	47	.0400		.0300	*	.0300		.0300	
TX	DEER PARK	451370003F 1	96	7	1	81	30	.0300	*	******		******		******	
TX	DENISON	451400001F 1	96	7	1	81	42	.0300		******		******		******	
TX	DENTON	451410001F 1	96	7	1	81	25	.0400	*	******		******		******	
TX	ELLIS CO	451690001F 1	96	7	1	81	40	.0400	*	******		******		******	
TX	EL PASO	451700022G 2	92	7	1	79	36	.6464	*	.0834	*	.0700	*	.0700	*
TX	EL PASO CO	451710005F 1	96	7	1	79	51	.0500		.0400		.0400		.0300	
TX	EULESS	451744001F 1	96	7	1	79	46	.0500		.0300		******		******	
TX	FORT WORTH	451880001F 1	96	7	1	79	22	.0400		.0400		.0300		.0300	
TX	GARLAND	452000002F 1	96	7	1	79	49	.0300		.0300	*	.0300	*	******	
TX	GRAND PRAIRIE	452130002F 1	96	7	1	79	55	.0400		.0300		.0300		******	
TX	GREGG CO	452180001F 3	96	7	1	79	58	.0300		.0300		.0300		******	
TX	HARLINGEN	452320001F 1	96	7	1	79	40	.0400		.0400	*	.0300		******	
TX	HARRIS CO	452330006F 1	96	7	1	79	55	.0500		.0400	*	.0400		.0300	*
TX	HIDALGO CO	452460002F 1	96	7	1	79	28	.0300	*	.0300	*	******		******	
TX	HOUSTON	452560001F 1	96	7	1	81	27	.0300	*	.0300	*	.0300	*	.0300	*
TX	IRVING	452670001F 1	96	7	1	79	40	.0300		.0300	*	.0300		.0300	
TX	JEFF DAVIS CO	452740003F 3	96	7	1	79	32	.0300	*	.0300	*	******		******	
TX	JOHNSON CO	452790001F 1	96	7	1	81	42	.0300	*	******		******		******	
TX	LA PORTE	453130002F 1	96	7	1	79	53	.0300		.0300		******		******	
TX	LAREDO	453140013F 1	96	7	1	79	31	.0400		.0300	*	******		******	
TX	LEAGUE CITY	453170001F 1	96	7	1	79	50	.0400		.0300		******		******	
TX	LEWISVILLE	453210001F 1	96	7	1	79	57	.0400		.0300		.0300	*	******	
TX	LUBBOCK	453340023F 1	96	7	1	79	57	.0400		.0300		.0300		.0300	
TX	MC ALLEN	453390001F 1	96	7	1	79	49	.0300		.0300	*	******		******	
TX	MIDLAND	453620001F 1	96	7	1	79	40	.0400		.0300		.0300	*	******	
TX	MOUNT PLEASANT	453770001F 1	96	7	1	79	40	.0400		.0400		.0300		******	
TX	NEW BRAUNFELS	453850001F 1	96	7	1	81	39	.0400	*	.0400	*	******		******	
TX	ODESSA	453910001F 1	96	7	1	81	45	.0400		.0400		.0400		.0300	
TX	PASADENA	454060002F 1	96	7	1	81	51	.0400		.0300		.0300	*	******	
TX	PORT ARTHUR	454190009F 1	96	7	1	80	37	.0300	*	.0300		.0300	*	******	
TX	SAN ANTONIO	454570036F 1	96	7	1	79	58	.0500		.0400		.0300		.0300	
TX	SAN BENITO	454600001F 1	96	7	1	79	27	.0300	*	.0300	*	******		******	
TX	SAN MARCOS	454640002F 1	96	7	1	79	45	.0400		.0400		.0300		******	
TX	SAN PATRICIO CO	454650001F 1	96	7	1	79	27	.0300	*	.0300	*	******		******	
TX	SEABROOK	454715001F 1	96	7	1	79	32	.0400	*	.0300	*	.0300	*	******	

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Table A-23

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CADMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	SHERMAN	454790003F 1	96	7	1	79	25	.0300	*	.0300	*	******		******	
TX	TARRANT CO	455070001F 1	96	7	1	79	56	.0300		.0300		******		******	
TX	TEXARKANA	455160003F 1	96	7	1	79	53	.0300		.0300		.0300		******	
TX	TEXAS CITY	455170002F 1	96	7	1	79	37	.0400	*	.0400		.0300		.0300	*
TX	TOM GREEN CO	455200001F 3	96	7	1	79	22	.0400	*	.0300	*	.0300		******	
TX	TRAVIS CO	455210002F 3	96	7	1	79	31	.0300	*	.0300	*	******		******	
TX	TYLER	455240002F 1	96	7	1	79	58	.0400		.0300		.0300		******	
TX	VICTORIA	455340001F 1	96	7	1	79	21	.0300	*	.0300	*	******		******	
TX	WACO	455370007F 1	96	7	1	79	60	.0300		.0300		.0300		******	
TX	WAXAHACHIE	455420003F 1	96	7	1	79	50	.0400		.0300		******		******	
TX	WESLACO	455460001F 3	96	7	1	79	34	.0500		.0300	*	.0300	*	******	
TX	WICHITA FALLS	455560002F 1	96	7	1	79	27	.0400		.0300		.0300		******	
VT	ORANGE CO	470360001A 3	90	7	1	81	22	.0020	*	.0010		******		******	
VA	DANVILLE	480920009A 2	90	7	1	79	27	.0010		.0010	*	******		******	
VA	HAMPTON	481440006A 1	90	7	1	81	30	.0010		.0010		******		******	
VA	NORFOLK	482140016A 1	90	7	1	81	30	.0020		.0010		.0010		.0010	
VA	RICHMOND	482660020A 1	90	7	1	82	25	.0010	*	******		******		******	
VA	SALEM	482800001A 1	90	7	1	82	31	.0010		******		******		******	
VA	SHENANDOAH NAT PARK	482890001A 3	90	7	1	79	29	.0010		.0010		.0010		******	
WA	SEATTLE	491840057A 2	90	7	1	79	20	.0040	*	.0040		.0030		.0020	
WA	SPOKANE	492040001A 1	90	7	1	80	23	.0020	*	.0020		.0010		******	
WA	TACOMA	492140004A 2	90	7	1	79	22	.0040	*	.0020		.0020		.0020	
WV	CHARLESTON	500280005A 1	90	7	1	82	22	.0010	*	******		******		******	
WI	DOOR CO	510780002A 3	90	7	1	79	22	.0010	*	.0010		.0010		******	
WI	EAU CLAIRE	510840002A 1	90	7	1	79	29	.0010		.0010	*	******		******	
WI	KENOSHA	511540003A 1	90	7	1	80	28	.0020		.0010		******		******	
WI	MADISON	511860024A 1	90	7	1	81	28	.0020		.0010		.0010		.0010	
WI	MILWAUKEE	512200064A 2	90	7	1	81	23	.0040	*	.0030		.0020		.0020	
WI	RACINE	512880002A 1	90	7	1	79	29	.0010		.0010		******		******	
WI	SUPERIOR	513480006A 1	90	7	1	79	28	.0010		.0010	*	******		******	
WY	TETON CO	520720001A 3	90	7	1	81	25	.0010	*	.0010	*	******		******	
VI	CHARLOTTE AMALIE	550010002A 2	90	7	1	79	20	.0010	*	.0010	*	******		******	

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - MANGANESE

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
AL	BIRMINGHAM	010380003A 1	90	7	1	82	22	.0772	*	.0457		******		******	
AL	GADSDEN	011480003A 2	90	7	1	81	30	.1178		.1045		******		******	
AL	HUNTSVILLE	011860003A 1	90	7	1	81	29	.0235		.0214		.0204		******	
AL	JEFFERSON CO	011980003A 2	90	7	1	82	29	.0752		******		******		******	
AL	MOBILE	012380002A 1	90	7	1	82	27	.0300		.0272		******		******	
AK	ANCHORAGE	020040003A 1	90	7	1	80	24	.0311	*	.0040	*	.0040	*	******	
AZ	COCONINO CO	030200011K 3	92	7	1	79	30	.0070	*	.0070	*	.0060		.0050	
AZ	DOUGLAS	030240004A 1	90	7	1	79	27	.0487		******		******		******	
AZ	GLENDALE	030320001G 1	92	7	1	79	45	.0640		.0530		.0480	*	.0470	
AZ	GRAND CANYON NAT PARK	030370001A 3	90	7	1	81	23	.0204	*	.0204	*	******		******	
AZ	MESA	030460003G 1	92	7	1	80	26	.0720	*	.0620		.0550	*	.0530	
AZ	MOHAVE CO	030500009K 3	92	7	1	79	49	.0030	*	******		******		******	
AZ	NAVAJO CO	030520003K 3	92	7	1	79	78	.0050	*	******		******		******	
AZ	PHOENIX	030600013G 1	92	7	1	79	51	.1110		.1030		.1020		.0840	*
AZ	SCOTTSDALE	030740004G 1	92	7	1	79	54	.1160		.0810		.0620		.0560	*
AZ	TUCSON	030860001A 1	90	7	1	82	30	.0254		.0238		.0226		.0204	
AR	LITTLE ROCK	041440001A 1	90	7	1	82	23	.0204	*	******		******		******	
AR	MONTGOMERY CO	041760001A 3	90	7	1	82	22	.0204	*	******		******		******	
CA	ANAHEIM	050230001A 1	90	7	1	80	21	.0275	*	.0267		.0235		.0204	
CA	BAKERSFIELD	050520003A 1	90	7	1	82	28	.0423		.0337		******		******	
CA	BERKELEY	050740001A 1	90	7	1	79	20	.0204	*	******		******		******	
CA	FRESNO	052800002A 1	90	7	1	79	20	.0308	*	******		******		******	
CA	LOS ANGELES	054180103A 1	90	7	1	81	25	.0347		.0335		******		******	
CA	ONTARIO	055380001A 1	90	7	1	79	21	.0767	*	.0715		******		******	
CA	OXNARD	055560001A 1	90	7	1	81	26	.0204	*	.0204		******		******	
CA	SACRAMENTO	056580001A 1	90	7	1	79	21	.0261	*	.0223		.0216		******	
CA	SAN BERNARDINO	056680001A 1	90	7	1	79	20	.0626	*	******		******		******	
CA	SAN DIEGO	056800004A 1	90	7	1	82	27	.0247		.0222		.0204		******	
CA	SAN FRANCISCO	056860004A 1	90	7	1	82	31	.0229		.0204		******		******	
CA	SAN JOSE	056980004A 1	90	7	1	80	21	.0242	*	.0239		.0224		.0217	
CA	SANTA ANA	057180001A 1	90	7	1	79	20	.0204	*	******		******		******	
CO	ADAMS CO	060020001F 1	92	C	1	80	11	.0550		.0550		.0540		.0370	
CO	ARAPAHOE CO	060080001F 1	92	C	1	79	11	.0240		.0170		******		******	
CO	BOULDER	060200001F 1	92	C	1	79	11	.0270		******		******		******	
CO	BRIGHTON	060240001F 1	92	C	1	79	11	.0330		******		******		******	
CO	COLORADO SPRINGS	060380004F 1	92	C	1	79	11	.0570		.0230		.0180		******	
CO	DELTA	060540001F 1	92	C	1	79	10	.0330		******		******		******	
CO	DENVER	060580002F 1	92	C	1	80	11	.0950		.0890		.0830		.0810	
CO	DURANGO	060680003F 1	92	C	1	79	9	.0410		******		******		******	
CO	ENGLEWOOD	060780001F 1	92	C	1	79	11	.0450		******		******		******	

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Table A-24

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - MANGANESE

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
CO	FORT COLLINS	060820001F 1	92	C	1	79	11	.0230	******	******	******
CO	GARFIELD CO	060880001F 1	92	C	1	79	11	.0850	******	******	******
CO	GRAND JUNCTION	060980010F 1	92	C	1	81	11	.0360	.0330	.0310	.0310
CO	GREELEY	061000003F 1	92	C	1	79	9	.0240	******	******	******
CO	JEFFERSON CO	061140001F 2	92	C	1	79	10	.0270	******	******	******
CO	LA PLATA CO	061300002K 3	92	7	1	79	66	.0060 *	.0040 *	******	******
CO	LONGMONT	061460001F 1	92	C	1	79	11	.0260	******	******	******
CO	MESA VERDE NAT PARK	061530003A 3	90	7	1	82	30	.0204	.0040	******	******
CO	MONTEZUMA CO	061600004K 3	92	7	1	79	56	.0030 *	******	******	******
CO	MONTROSE	061620001F 1	92	C	1	79	10	.0260	******	******	******
CO	PITKIN CO	061780001F 1	92	C	1	81	12	.0470	******	******	******
CO	PUEBLO	061820003F 1	92	C	1	79	11	.1350	.0920	.0820	.0810
CO	ROUTT CO	061920003F 1	92	C	1	80	10	.0850	.0730	.0620	******
CO	SAN MIGUEL CO	062000001F 1	92	C	1	79	9	.1460	.1170	.0910	******
CO	TRINIDAD	062160002F 1	92	C	1	79	10	.0240	******	******	******
CT	BRIDGEPORT	070060001A 1	90	7	1	79	27	.0215	******	******	******
CT	NEW HAVEN	070700123A 1	90	7	1	79	27	.0263	******	******	******
CT	WATERBURY	071240123A 1	90	7	1	79	27	.0233	******	******	******
DE	WILMINGTON	080260005A 1	90	7	1	82	23	.0282 *	******	******	******
DC	WASHINGTON	090020017A 1	90	7	1	82	24	.0204 *	******	******	******
FL	DAVIE	100910002A 1	90	7	1	79	29	.0204	.0204	.0204	.0204
FL	HIALEAH	101760001A 1	90	7	1	82	21	.0204	******	******	******
FL	JACKSONVILLE	101960049A 1	90	7	1	81	24	.0241	.0227	.0204	******
FL	ORLANDO	103280003A 1	90	7	1	82	20	.0217 *	.0204	******	******
FL	PALM BEACH CO	103420005A 1	90	7	1	81	30	.0204	.0204	******	******
FL	PENSACOLA	103540015A 1	90	7	1	81	30	.0214	.0204	******	******
FL	ST PETERSBURG	103980012A 1	90	7	1	80	29	.0204	.0204 *	.0204 *	******
FL	TAMPA	104360002A 1	90	7	1	81	25	.0236	.0204	.0204	.0204
GA	ATLANTA	110200001A 1	90	7	1	81	22	.0267 *	.0245	.0215	******
GA	COLUMBUS	111280001A 1	90	7	1	81	29	.0224	.0204	.0204	******
HI	HAWAII CO	120080001A 3	90	7	1	81	26	.0204	.0204 *	******	******
HI	HONOLULU	120120001A 1	90	7	1	79	29	.0204	.0204	.0204	******
IL	ELMHURST	142300001A 1	90	7	1	81	25	.0257 *	******	******	******
IL	GRANITE CITY	142960016A 1	90	7	1	81	22	.1711 *	******	******	******
IL	JOLIET	143760002A 1	90	7	1	81	20	.0278 *	******	******	******
IL	PEORIA	146080001A 1	90	7	1	81	22	.0460 *	******	******	******
IL	ROCKFORD	146680010A 1	90	7	1	81	27	.0292	******	******	******
IN	EVANSVILLE	151300006A 1	90	7	1	79	21	.0218 *	.0217	.0204	******
IN	FORT WAYNE	151380003A 1	90	7	1	82	31	.0212	******	******	******
IN	GARY	151520016A 1	90	7	1	82	29	.2841	.1067	******	******

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ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
IN	HAMMOND	151780001A 1	90	7	1	79	23	.1122 *	.0833	.0783	******
IN	INDIANAPOLIS	152040021A 1	90	7	1	82	21	.0250 *	.0240	******	******
IN	MONROE CO	152800001A 3	90	7	1	79	28	.0204	.0204 *	.0204 *	.0204 *
IN	SOUTH BEND	153880002A 1	90	7	1	82	28	.0554	.0462	.0426	.0297
IN	TERRE HAUTE	154080001A 1	90	7	1	81	28	.0225	.0204 *	.0204	******
IA	CEDAR RAPIDS	160640018A 2	90	7	1	79	21	.0379 *	.0369 *	.0303	******
IA	DAVENPORT	161060010A 1	90	7	1	82	27	.0462	.0393 *	.0334	.0303
IA	*DES MOINES*	161180001A 1	90	7	1	80	26	.0337	.0312	.0307	.0296
IA	DUBUQUE	161260008A 1	90	7	1	81	30	.0224	.0204	******	******
IA	WATERLOO	163760008A 1	90	7	1	81	30	.0333	******	******	******
KS	KANSAS CITY	171800015A 1	90	7	1	81	29	.0509	.0402	.0329	.0313
KS	TOPEKA	173560007A 1	90	7	1	80	24	.0415	.0320	******	******
KY	ASHLAND	180080003F 1	92	C	1	79	10	.0760	.0680	******	******
KY	BALLARD CO	180100003F 1	92	C	1	79	12	.0410	******	******	******
KY	BOONE CO	180280002F 1	92	C	1	79	11	.0200	.0130	******	******
KY	BUECHEL	180430001G 1	92	C	1	81	9	.0120	******	******	******
KY	CARROLL CO	180580001F 3	92	C	1	79	10	.0120	******	******	******
KY	CATLETTSBURG	180660001F 1	92	C	1	79	12	.0610	******	******	******
KY	COVINGTON	180800001A 1	90	7	1	79	30	.1222	.0793 *	.0425 *	.0414
KY	ELIZABETHTOWN	181040002F 1	92	C	1	79	12	.0260	.0120	******	******
KY	FLORENCE	181220001F 1	92	C	1	79	11	.0210	******	******	******
KY	FORT THOMAS	181260001F 1	92	C	1	79	10	.0290	******	******	******
KY	HENDERSON	181740002F 1	92	C	1	79	9	.0650	.0290	******	******
KY	JEFFERSON CO	181920013G 1	92	C	1	81	9	.0290	.0150	.0130	******
KY	LEXINGTON-FAYETTE	182300003F 1	92	C	1	79	11	.0260	.0215	.0214	.0204
KY	LOUISVILLE	182380035A 1	90	7	1	81	28	.0225	.0200	.0160	******
KY	MC CRACKEN CO	182460001F 2	92	C	1	79	9	.0360	******	******	******
KY	OKOLONA	183090001G 1	92	C	1	81	9	.0160	******	******	******
KY	OLDHAM CO	183100002F 1	92	C	1	79	10	.0160	******	******	******
KY	OWENSBORO	183140001F 1	92	C	1	79	12	.0620	******	******	******
KY	PADUCAH	183180020F 1	92	C	1	79	12	.0540	******	******	******
KY	PIKEVILLE	183320001F 1	92	C	1	79	10	.0410	******	******	******
KY	PLEASURE RIDGE PARK	183360001G 1	92	C	1	81	9	.0140	******	******	******
KY	SHELBYVILLE	183700001F 1	92	C	1	79	11	.0290	******	******	******
LA	BATON ROUGE	190280002A 1	90	7	1	82	30	.0217	.0204	.0204	******
LA	IBERVILLE PAR	191280002A 1	90	7	1	80	29	.0204	******	******	******
LA	NEW ORLEANS	192020002A 1	90	7	1	81	30	.0287	.0204	.0204	******
LA	SHREVEPORT	192740001A 1	90	7	1	81	28	.0310	.0300	.0250	******
ME	PORTLAND	200960004A 1	90	7	1	79	23	.0204	.0204	.0204	******
MD	BALTIMORE	210120001A 1	90	7	1	79	26	.0736	******	******	******

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POLLUTANT - MANGANESE

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
MD	CALVERT CO	210280001A 3	90	7	1	79	25	.0204	******	******	******
MD	DUNDALK	210620001A 1	90	7	1	82	22	.1295 *	******	******	******
MA	BOSTON	220240012A 1	90	7	1	79	20	.0234 *	******	******	******
MA	CAMBRIDGE	220360001A 1	90	7	1	79	21	.0204 *	******	******	******
MA	FALL RIVER	220580001A 1	90	7	1	80	23	.0204 *	******	******	******
MA	NEW BEDFORD	221500002A 1	90	7	1	79	27	.0204	.0204	******	******
MA	SPRINGFIELD	222160002A 1	90	7	1	79	23	.0230 *	******	******	******
MA	WORCESTER	222640004A 1	90	7	1	79	27	.0204	.0204	******	******
MI	DETROIT	231180015A 1	90	7	1	81	23	.1301 *	.0924 *	******	******
MI	FLINT	231580006A 1	90	7	1	81	29	.0362	.0345	******	******
MI	LANSING	232840001A 1	90	7	1	81	25	.0232 *	.0231	******	******
MN	DULUTH	241040017A 1	90	7	1	79	21	.0388 *	.0376	.0255	******
MN	MINNEAPOLIS	242260050A 1	90	7	1	81	30	.0247	******	******	******
MN	ST PAUL	243300017A 1	90	7	1	81	30	.0360	******	******	******
MT	ANACONDA-DEER LODGE CO	270020007F 1	92	7	1	79	98	.0320	.0280 *	******	******
MT	BILLINGS	270080059F 1	92	7	1	79	104	.0590	.0470 *	.0430 *	.0150
MT	BUTTE-SILVER BOW	270160018F 1	92	7	1	79	76	.0910 *	.0770 *	.0700	.0690
MT	DEER LODGE CO	270400004F 2	92	7	1	79	25	.0430 *	******	******	******
MT	GREAT FALLS	270660016F 1	92	7	1	79	92	.0290	.0170 *	******	******
MT	JEFFERSON CO	270760903F 2	92	7	1	79	47	.0330 *	******	******	******
MT	LEWIS AND CLARK CO	270860002F 2	92	7	1	79	68	.0900	******	******	******
MT	MISSOULA CO	271100001G 1	92	7	1	79	98	.0500	.0400	******	******
NE	LINCOLN	281560012A 1	90	7	1	81	28	.0236	******	******	******
NE	OMAHA	281880034A 1	90	7	1	79	29	.0324	.0311	.0240	.0230
NV	LAS VEGAS	290320001A 1	90	7	1	79	25	.0240 *	.0240	.0204	******
NV	RENO	290480001A 1	90	7	1	80	29	.0327	.0267	.0255	.0253
NV	WHITE PINE CO	290560001A 3	90	7	1	79	27	.0204	.0204 *	.0204	.0204
NJ	BAYONNE	310180001A 1	90	7	1	80	24	.0216	******	******	******
NJ	CAMDEN	310720005A 1	90	7	1	80	20	.0428 *	.0264	******	******
NJ	CAMDEN CO	310740006A 1	90	7	1	81	22	.0222 *	******	******	******
NJ	ELIZABETH	311300002A 1	90	7	1	79	22	.0245 *	.0204 *	******	******
NJ	GLASSBORO	311700001A 1	90	7	1	79	22	.0227 *	******	******	******
NJ	JERSEY CITY	312320001A 1	90	7	1	81	20	.0278 *	.0230	******	******
NJ	NEWARK	313480001A 1	90	7	1	81	21	.0246 *	.0227	.0204	******
NJ	PATERSON	314140005A 1	90	7	1	81	28	.0204	******	******	******
NJ	TRENTON	315400001A 1	90	7	1	80	21	.0322 *	******	******	******
NM	ALBUQUERQUE	320040001A 1	90	7	1	80	25	.0343	.0256	.0204	.0204 *
NM	RIO ARRIBA CO	320920003K 3	92	7	1	79	62	.0030 *	******	******	******
NM	SAN JUAN CO	321000007K 3	92	7	1	79	65	.0150 *	.0080 *	******	******
NY	BUFFALO	330660010A 1	90	7	1	82	23	.0445 *	.0349	.0310	******

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ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
NY	ENDICOTT	331980004A	1	90	7	1	82	30	.0214		******		******		******	
NY	NEW YORK CITY	334680079A	1	90	7	1	82	24	.0215		******		******		******	
NY	NIAGARA FALLS	334740001A	1	90	7	1	79	30	.0819		.0553		.0498	*	.0488	
NY	ROCHESTER	335760001A	1	90	7	1	82	22	.0344	*	.0228		.0214		******	
NY	SYRACUSE	336620001A	1	90	7	1	80	25	.0288		.0215		.0215		******	
NY	UTICA	336880001A	1	90	7	1	80	20	.0283	*	.0278	*	.0261		.0216	*
NY	YONKERS	337620001A	1	90	7	1	79	21	.0218	*	.0204		******		******	
NC	CHARLOTTE	340700001A	1	90	7	1	82	28	.0236		.0224		.0215		******	
NC	DURHAM	341160001A	1	90	7	1	79	28	.0204		.0204		.0204		.0204	
NC	GREENSBORO	341740009A	1	90	7	1	82	26	.0204	*	******		******		******	
NC	MOREHEAD CITY	342720002A	1	90	7	1	79	26	.0204	*	.0204		.0204	*	.0204	
NC	RALEIGH	343240003A	1	90	7	1	82	27	.0204		******		******		******	
NC	WINSTON-SALEM	344460002A	1	90	7	1	79	25	.0244		******		******		******	
OH	AKRON	360060014A	1	90	7	1	80	27	.0543		.0446		.0313		.0250	
OH	CANTON	361000001A	1	90	7	1	80	20	.0791	*	.0746		.0630		.0484	*
OH	CINCINNATI	361220001A	1	90	7	1	79	28	.1691		.0795		.0412	*	.0380	
OH	CLEVELAND	361300001A	1	90	7	1	80	27	.0782		.0666	*	.0620		.0450	
OH	COLUMBUS	361460001A	1	90	7	1	80	25	.0260		.0243		.0239		.0229	
OH	DAYTON	361660014A	1	90	7	1	80	28	.0310		.0264	*	.0250		******	
OH	MANSFIELD	363840008A	1	90	7	1	80	28	.0613		.0475		******		******	
OH	PORTSMOUTH	365620002A	1	90	7	1	79	28	.0713		.0502		.0399		******	
OH	STEUBENVILLE	366420012A	1	90	7	1	79	28	.1244		.0850		******		******	
OH	TOLEDO	366600006A	1	90	7	1	79	29	.0337		.0234		.0204		******	
OH	YOUNGSTOWN	367760001A	1	90	7	1	79	26	.1116		.0920	*	.0682		.0487	
OK	MIDWEST CITY	371940006A	1	90	7	1	81	30	.0204		.0204		******		******	
OK	OKLAHOMA CITY	372200035A	1	90	7	1	80	30	.0310		******		******		******	
OR	PORTLAND	381460015A	2	90	7	1	79	22	.0810	*	.0613		.0481		.0404	
PA	ALLENTOWN	390120003A	1	90	7	1	82	24	.0233	*	******		******		******	
PA	BETHLEHEM	390780725A	2	90	7	1	82	21	.0923	*	******		******		******	
PA	PHILADELPHIA	397140031A	1	90	7	1	82	27	.2179	*	.0296		******		******	
PA	READING	397620015A	1	90	7	1	82	22	.0512	*	******		******		******	
PA	SCRANTON	398040208A	1	90	7	1	82	20	.0204	*	******		******		******	
PA	SHOYERSVILLE	398880206A	1	90	7	1	82	22	.0204		******		******		******	
PR	GUAYANILLA CO	401100003A	2	90	7	1	80	20	.0228	*	.0222		.0204	*	.0204	
PR	GUAYNABO CO	401140001A	1	90	7	1	80	27	.0204		******		******		******	
PR	LEVITTOWN	401530001A	1	90	7	1	82	30	.0271		******		******		******	
PR	PONCE	401920002A	1	90	7	1	82	27	.0288		.0249		.0244		.0219	
PR	SAN JUAN CO	402160003A	1	90	7	1	79	26	.0234		******		******		******	
PR	TOA BAJA CO	402320002A	1	90	7	1	79	27	.0263		.0239	*	******		******	
RI	EAST PROVIDENCE	410120008A	1	90	7	1	80	30	.0247		.0204		******		******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table A-24

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - MANGANESE

ST	CITY NAME	SITE CODE	MTD	INT	UNIT	YR	OBS	1ST		2ND		3RD		4TH	
RI	KENT CO	410140002A 5	90	7	1	79	23	.0204	*	******		******		******	
RI	PROVIDENCE	410300017A 1	90	7	1	81	27	.0204	*	******		******		******	
SC	CHARLESTON CO	420560003A 2	90	7	1	81	28	.0215		.0204	*	.0204		.0204	
SC	COLUMBIA	420760006A 1	90	7	1	82	29	.0204		******		******		******	
SC	GREENVILLE	421180001A 1	90	7	1	79	21	.0218	*	.0214		.0214		******	
SD	CUSTER CO	430420001A 3	90	7	1	82	30	.0204		******		******		******	
SD	HOT SPRINGS	430780001A 3	90	7	1	81	29	.0204		******		******		******	
TN	CHATTANOOGA	440360006A 2	90	7	1	82	28	.0752		.0719		.0484		.0466	
TN	KINGSPORT	441700001F 1	92	7	1	81	30	.0600	*	******		******		******	
TN	MEMPHIS	442340013A 1	90	7	1	81	29	.0310		.0242		******		******	
TN	NASHVILLE-DAVIDSON	442540002A 1	90	7	1	82	30	.0290		.0230		******		******	
TX	ABILENE	450010002F 3	96	7	1	80	53	.0400		.0200		.0200		.0200	
TX	ALVIN	450060001F 1	96	7	1	79	36	.0200		.0200	*	.0200	*	******	
TX	AMARILLO	450070002F 1	96	7	1	80	23	.0200	*	.0200		******		******	
TX	ARLINGTON	450170004F 3	96	7	1	79	57	.0300		.0300		.0200		.0200	
TX	AUSTIN	450220004F 2	96	7	1	79	40	.0200	*	.0200		.0200		.0200	*
TX	BAYTOWN	450320002F 1	96	7	1	80	43	.0400	*	.0400	*	.0400	*	.0300	*
TX	BEAUMONT	450330001F 1	96	7	1	81	53	.0400		.0300	*	.0300	*	.0300	
TX	BIG SPRING	450440002F 1	96	7	1	79	46	.0300		.0200	*	.0200		******	
TX	BRIDGEPORT	450600001F 3	96	7	1	79	44	.0300	*	.0200	*	.0200		******	
TX	BROWNSVILLE	450650003F 1	96	7	1	80	29	.0500	*	.0500		.0400		.0300	*
TX	BROWNWOOD	450660002F 1	96	7	1	79	55	.0200		.0200		.0200		******	
TX	CALHOUN CO	450720001F 1	96	7	1	80	20	.0200	*	******		******		******	
TX	CHAMBERS CO	450860001F 3	96	7	1	79	35	.0200	*	.0200	*	******		******	
TX	CLUTE	450950003F 1	96	7	1	79	32	.0300	*	.0200		******		******	
TX	COLLIN CO	451020001F 1	96	7	1	81	34	.0200	*	******		******		******	
TX	CORPUS CHRISTI	451150001F 1	96	7	1	79	21	.0200	*	.0200		.0200		.0200	*
TX	CORSICANA	451160001F 1	96	7	1	81	42	.0300	*	******		******		******	
TX	DALLAS	451310002F 1	96	7	1	80	22	.0300	*	.0300	*	.0300		.0200	
TX	DEER PARK	451370002H 2	92	7	1	79	52	.0550		.0200	*	.0170		******	
TX	DENISON	451400001F 1	96	7	1	81	42	.0200		******		******		******	
TX	DENTON	451410001F 1	96	7	1	81	25	.0200	*	******		******		******	
TX	ELLIS CO	451690001F 1	96	7	1	81	40	.0400	*	******		******		******	
TX	EL PASO	451700027F 1	96	7	1	80	29	.0900	*	.0600	*	.0600		.0400	
TX	EL PASO CO	451710005F 1	96	7	1	79	51	.0500		.0400		.0300		.0200	
TX	EULESS	451744001F 1	96	7	1	79	46	.0200		.0200		******		******	
TX	FORT WORTH	451880002F 1	96	7	1	79	59	.0300		.0300		.0300		.0300	
TX	GARLAND	452000002F 1	96	7	1	79	49	.0200		.0200	*	.0200	*	******	
TX	GRAND PRAIRIE	452130002F 1	96	7	1	79	55	.0200		.0200		.0200		******	
TX	GREGG CO	452180001F 3	96	7	1	79	58	.0200		.0200		.0200		******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

DATE - 041984

Table A-24

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - MANGANESE

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
TX	HARLINGEN	452320001F 1	96	7	1	79	40	.0200	.0200	.0200 *	******
TX	HARRIS CO	452330025H 2	92	7	1	79	53	.2120	.0400	.0300 *	.0300
TX	HIDALGO CO	452460002F 1	96	7	1	79	28	.0300 *	.0200 *	******	******
TX	HOUSTON	452560019H 1	92	7	1	79	56	.1090	.0870	.0710 *	.0700 *
TX	IRVING	452670001F 1	96	7	1	79	40	.0200	.0200 *	.0200	.0200
TX	JEFF DAVIS CO	452740003F 3	96	7	1	79	32	.0200 *	.0200 *	******	******
TX	JOHNSON CO	452790001F 1	96	7	1	81	42	.0200 *	******	******	******
TX	LA PORTE	453130002F 1	96	7	1	79	53	.0300	.0300	******	******
TX	LAREDO	453140013F 1	96	7	1	79	31	.0300	.0200 *	******	******
TX	LEAGUE CITY	453170001F 1	96	7	1	81	34	.0300	.0200	******	******
TX	LEWISVILLE	453210001F 1	96	7	1	79	57	.0200	.0200	.0200 *	******
TX	LUBBOCK	453340001F 1	96	7	1	79	20	.0300 *	.0300	.0300	.0300
TX	MC ALLEN	453390001F 1	96	7	1	79	49	.0300	.0200 *	******	******
TX	MIDLAND	453620001F 1	96	7	1	79	40	.0400	.0200	.0200 *	******
TX	MOUNT PLEASANT	453770001F 1	96	7	1	79	40	.0200	.0200	.0200	******
TX	NEW BRAUNFELS	453850001F 1	96	7	1	81	39	.0200 *	.0200 *	******	******
TX	ODESSA	453910001F 1	96	7	1	79	35	.0300 *	.0300	.0300	.0200
TX	PASADENA	454060002F 1	96	7	1	81	51	.0500	.0350	.0300	.0200 *
TX	PORT ARTHUR	454190009F 1	96	7	1	80	37	.0200 *	.0200	.0200	******
TX	SAN ANTONIO	454570034F 1	96	7	1	80	27	.0300	.0200	.0200	.0200
TX	SAN BENITO	454600001F 1	96	7	1	79	27	.0300 *	.0200 *	******	******
TX	SAN MARCOS	454640002F 1	96	7	1	81	57	.0300	.0200 *	.0200	******
TX	SAN PATRICIO CO	454650001F 1	96	7	1	79	27	.0200 *	.0200 *	******	******
TX	SEABROOK	454715001F 1	96	7	1	79	32	.0300 *	.0300 *	.0200	******
TX	SHERMAN	454790003F 1	96	7	1	79	25	.0300 *	.0300 *	******	******
TX	TARRANT CO	455070001F 1	96	7	1	79	56	.0200	.0200	******	******
TX	TEXARKANA	455160003F 1	96	7	1	79	53	.0200	.0200	.0200	******
TX	TEXAS CITY	455170002F 1	96	7	1	79	37	.0200 *	.0200 *	.0200	.0200 *
TX	TOM GREEN CO	455200001F 3	96	7	1	79	22	.0200 *	.0200 *	.0200	******
TX	TRAVIS CO	455210002F 3	96	7	1	79	31	.0200 *	.0200 *	******	******
TX	TYLER	455240002F 1	96	7	1	80	52	.0300	.0200	.0200	******
TX	VICTORIA	455340001F 1	96	7	1	79	21	.0200 *	.0200 *	******	******
TX	WACO	455370007F 1	96	7	1	79	60	.0200	.0200	.0200	******
TX	WAXAHACHIE	455420003F 1	96	7	1	79	50	.0200	.0200	******	******
TX	WESLACO	455460001F 3	96	7	1	79	34	.0200	.0200 *	.0200 *	******
TX	WICHITA FALLS	455560002F 1	96	7	1	79	27	.0300	.0300	.0200	******
UT	EMERY CO	460280001K 3	92	7	1	79	45	.0040 *	.0030 *	******	******
UT	GARFIELD CO	460300002K 3	92	7	1	79	65	.0090 *	.0020 *	******	******
UT	KANE CO	460400003K 3	92	7	1	79	73	.0050 *	******	******	******
UT	SAN JUAN CO	460960001K 3	92	7	1	79	64	.0070 *	.0030 *	.0030 *	******

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Table A-24

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - MANGANESE

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD	4TH
UT	WASHINGTON CO	461280001K 3	92	7	1	79	67	.0050	*	.0050	*	******	******
VT	ORANGE CO	470360001A 3	90	7	1	80	21	.0223	*	.0204	*	******	******
VA	DANVILLE	480920009A 2	90	7	1	79	27	.0204		.0204	*	******	******
VA	HAMPTON	481440006A 1	90	7	1	81	30	.0204		.0204		******	******
VA	NORFOLK	482140001A 1	90	7	1	79	29	.0238		.0224		.0223	.0219
VA	RICHMOND	482660020A 1	90	7	1	82	25	.0204	*	******		******	******
VA	SALEM	482800001A 1	90	7	1	82	31	.0233		******		******	******
VA	SHENANDOAH NAT PARK	482890001A 3	90	7	1	79	29	.0204		.0204		.0204	******
WA	SEATTLE	491840057A 2	90	7	1	79	20	.0681	*	.0409		.0403	.0372
WA	SPOKANE	492040001A 1	90	7	1	79	25	.0430	*	.0386		.0312	******
WA	TACOMA	492140004A 2	90	7	1	79	22	.0543	*	.0368		.0336	.0239
WV	CHARLESTON	500280005A 1	90	7	1	82	22	.0366	*	******		******	******
WI	DOOR CO	510780002A 3	90	7	1	79	22	.0204	*	.0204		.0204	******
WI	EAU CLAIRE	510840002A 1	90	7	1	79	29	.0204		.0204	*	******	******
WI	KENOSHA	511540003A 1	90	7	1	79	27	.0226		.0222		******	******
WI	MADISON	511860001A 1	90	7	1	79	26	.0227	*	.0215		.0204	.0204
WI	MILWAUKEE	512200064A 2	90	7	1	81	23	.0585	*	.0563		.0375	.0342
WI	RACINE	512880002A 1	90	7	1	80	30	.0403		.0266		******	******
WI	SUPERIOR	513480006A 1	90	7	1	79	28	.1262		.0997	*	******	******
WY	TETON CO	520720001A 3	90	7	1	81	25	.0204	*	.0204	*	******	******
VI	CHARLOTTE AMALIE	550010006A 2	90	7	1	79	20	.0289	*	.0263		******	******

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DATE - 041984

Table A-25

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - NICKEL

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
AL	BIRMINGHAM	010380003A 1	90	7	1	82	22	.0032 *	.0028	******	******
AL	GADSDEN	011480003A 2	90	7	1	82	30	.0034	.0032	******	******
AL	HUNTSVILLE	011860003A 1	90	7	1	80	30	.0028	.0028	.0028	******
AL	JEFFERSON CO	011980003A 2	90	7	1	82	29	.0040	******	******	******
AL	MOBILE	012380002A 1	90	7	1	81	29	.0032	.0032	******	******
AZ	APACHE CO	030040003K 3	92	7	1	79	69	.0040 *	.0034 *	.0030	******
AZ	COCONINO CO	030200005K 3	92	7	1	79	59	.0050 *	.0050 *	.0040 *	.0040 *
AZ	DOUGLAS	030240004A 1	90	7	1	79	27	.0028	******	******	******
AZ	GRAND CANYON NAT PARK	030370001A 3	90	7	1	81	23	.0063 *	.0028 *	******	******
AZ	MOHAVE CO	030500009K 3	92	7	1	79	49	.0030 *	******	******	******
AZ	NAVAJO CO	030520003K 3	92	7	1	79	78	.0040 *	******	******	******
AZ	PHOENIX	030600002A 1	90	7	1	80	25	.0071 *	.0062	.0037	.0033
AZ	TUCSON	030860001A 1	90	7	1	79	26	.0032	.0029	.0028	.0028
AR	LITTLE ROCK	041440001A 1	90	7	1	82	23	.0028 *	******	******	******
AR	MONTGOMERY CO	041760001A 3	90	7	1	82	22	.0028 *	******	******	******
CA	ANAHEIM	050230001A 1	90	7	1	79	20	.0162 *	.0116	.0092	.0063
CA	BAKERSFIELD	050520003A 1	90	7	1	82	28	.0714	.0379	******	******
CA	BERKELEY	050740001A 1	90	7	1	79	20	.0056 *	******	******	******
CA	FRESNO	052800002A 1	90	7	1	79	20	.0059 *	******	******	******
CA	LOS ANGELES	054180103A 1	90	7	1	81	25	.0141	.0107	******	******
CA	ONTARIO	055380001A 1	90	7	1	79	21	.0180 *	.0115	******	******
CA	OXNARD	055560001A 1	90	7	1	81	26	.0035 *	.0032	******	******
CA	SACRAMENTO	056580001A 1	90	7	1	79	21	.0048 *	.0038	.0037	******
CA	SAN BERNARDINO	056680001A 1	90	7	1	79	20	.0208 *	******	******	******
CA	SAN DIEGO	056800004A 1	90	7	1	82	27	.0099	.0067	.0064	******
CA	SAN FRANCISCO	056860004A 1	90	7	1	81	23	.0056 *	.0044	******	******
CA	SAN JOSE	056980004A 1	90	7	1	79	20	.0098 *	.0091 *	.0070	.0058
CA	SANTA ANA	057180001A 1	90	7	1	79	20	.0165 *	******	******	******
CO	DENVER	060580001A 1	90	7	1	82	27	.0033	******	******	******
CO	LA PLATA CO	061300003K 3	92	7	1	79	25	.0040 *	.0030	******	******
CO	MESA VERDE NAT PARK	061530003A 3	90	7	1	82	30	.0028	******	******	******
CO	MONTEZUMA CO	061600004K 3	92	7	1	79	56	.0060 *	******	******	******
CT	BRIDGEPORT	070060001A 1	90	7	1	79	27	.0117	******	******	******
CT	NEW HAVEN	070700123A 1	90	7	1	79	27	.0136	******	******	******
CT	WATERBURY	071240123A 1	90	7	1	79	27	.0089	******	******	******
DE	WILMINGTON	080260005A 1	90	7	1	82	23	.0113 *	******	******	******
DC	WASHINGTON	090020017A 1	90	7	1	82	24	.0082 *	******	******	******
FL	DAVIE	100910002A 1	90	7	1	79	29	.0033	.0032	.0029	.0028
FL	HIALEAH	101760001A 1	90	7	1	82	21	.0028	******	******	******
FL	JACKSONVILLE	101960049A 1	90	7	1	79	26	.0228	.0133	.0083	******

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Table A-25

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - NICKEL

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
FL	ORLANDO	103280003A 1	90	7	1	81	30	.0028		.0028	*	******		******	
FL	PALM BEACH CO	103420005A 1	90	7	1	81	30	.0028		.0028		******		******	
FL	PENSACOLA	103540015A 1	90	7	1	81	30	.0028		.0028		******		******	
FL	ST PETERSBURG	103980012A 1	90	7	1	80	29	.0042		.0033	*	.0030	*	******	
FL	TAMPA	104360002A 1	90	7	1	79	22	.0059	*	.0047		.0044		.0041	
GA	ATLANTA	110200001A 1	90	7	1	80	28	.0037		.0028	*	.0028		******	
GA	COLUMBUS	111280001A 1	90	7	1	82	28	.0035		.0031		.0028		******	
HI	HAWAII CO	120080001A 3	90	7	1	81	26	.0028		.0028	*	******		******	
HI	HONOLULU	120120001A 1	90	7	1	79	29	.0158		.0129		.0090		******	
IL	ELMHURST	142300001A 1	90	7	1	81	25	.0037	*	******		******		******	
IL	GRANITE CITY	142960016A 1	90	7	1	81	22	.0037	*	******		******		******	
IL	JOLIET	143760002A 1	90	7	1	81	20	.0028	*	******		******		******	
IL	PEORIA	146080001A 1	90	7	1	81	22	.0028	*	******		******		******	
IL	ROCKFORD	146680010A 1	90	7	1	81	27	.0028		******		******		******	
IN	EVANSVILLE	151300006A 1	90	7	1	79	21	.0050	*	.0033		.0030		******	
IN	FORT WAYNE	151380003A 1	90	7	1	82	31	.0057		******		******		******	
IN	GARY	151520001A 1	90	7	1	79	21	.0051	*	.0040		******		******	
IN	HAMMOND	151780001A 1	90	7	1	79	23	.0068	*	.0050	*	.0028		******	
IN	INDIANAPOLIS	152040006A 1	90	7	1	82	30	.0030		.0028	*	******		******	
IN	MONROE CO	152800001A 3	90	7	1	79	28	.0033		.0028	*	.0028	*	.0028	*
IN	SOUTH BEND	153880002A 1	90	7	1	82	28	.0049		.0036		.0035		.0034	
IN	TERRE HAUTE	154080001A 1	90	7	1	79	20	.0030	*	.0028	*	.0028		******	
IA	CEDAR RAPIDS	160640018A 2	90	7	1	81	29	.0034		.0032	*	.0030		******	
IA	DAVENPORT	161060010A 1	90	7	1	82	27	.0058		.0485	*	.0089		.0067	
IA	DES MOINES	161180001A 1	90	7	1	79	23	.0032	*	.0028		.0028		.0028	
IA	DUBUQUE	161260008A 1	90	7	1	80	20	.0028	*	.0028		******		******	
IA	WATERLOO	163760008A 1	90	7	1	81	30	.0028		******		******		******	
KS	KANSAS CITY	171800011A 1	90	7	1	80	29	.0044		.0037		.0037		.0032	
KS	TOPEKA	173560007A 1	90	7	1	80	24	.0038		.0035		******		******	
KY	COVINGTON	180800001A 1	90	7	1	79	30	.0054		.0035	*	.0028	*	.0028	
KY	LEXINGTON-FAYETTE	182300003A 1	90	7	1	79	29	.0028		.0028		.0028		.0028	
KY	LOUISVILLE	182380035A 1	90	7	1	81	28	.0283		******		******		******	
LA	BATON ROUGE	190280002A 1	90	7	1	82	30	.0035		.0032		.0028		******	
LA	IBERVILLE PAR	191280002A 1	90	7	1	80	29	.0036		******		******		******	
LA	NEW ORLEANS	192020002A 1	90	7	1	80	28	.0299		.0285		.0161		******	
LA	SHREVEPORT	192740001A 1	90	7	1	80	29	.0039		.0034		.0033		******	
ME	PORTLAND	200960012A 1	90	7	1	81	30	.0158		.0116		.0086		******	
MD	BALTIMORE	210120001A 1	90	7	1	79	26	.0186		******		******		******	
MD	CALVERT CO	210280001A 3	90	7	1	79	25	.0049		******		******		******	
MD	DUNDALK	210620001A 1	90	7	1	82	22	.0071	*	******		******		******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

DATE - 041984

Table A-25

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - NICKEL

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
MA	BOSTON	220240012A 1	90	7	1	79	20	.0095 *	******	******	******
MA	CAMBRIDGE	220360001A 1	90	7	1	79	21	.0090 *	******	******	******
MA	FALL RIVER	220580001A 1	90	7	1	80	23	.0135 *	******	******	******
MA	NEW BEDFORD	221500002A 1	90	7	1	80	28	.0171	.0148	******	******
MA	SPRINGFIELD	222160002A 1	90	7	1	79	23	.0109 *	******	******	******
MA	WORCESTER	222640004A 1	90	7	1	80	28	.0136	.0116	******	******
MI	DETROIT	231180015A 1	90	7	1	81	23	.0063 *	.0040 *	******	******
MI	FLINT	231580006A 1	90	7	1	81	29	.0028	.0028	******	******
MI	LANSING	232840001A 1	90	7	1	82	29	.0029	.0028	******	******
MN	DULUTH	241040017A 1	90	7	1	79	21	.0036 *	.0034	.0032	******
MN	MINNEAPOLIS	242260050A 1	90	7	1	81	30	.0028	******	******	******
MN	ST PAUL	243300017A 1	90	7	1	81	30	.0032	******	******	******
MT	ANACONDA-DEER LODGE CO	270020007F 1	92	7	1	79	98	.0060 *	.0020 *	******	******
MT	BILLINGS	270080059F 1	92	7	1	79	101	.0190 *	.0050 *	.0030	.0020 *
MT	BUTTE-SILVER BOW	270160018F 1	92	7	1	79	73	.0080 *	.0070 *	.0060	.0060 *
MT	DEER LODGE CO	270400004F 2	92	7	1	79	23	.0050 *	******	******	******
MT	GREAT FALLS	270660016F 1	92	7	1	79	81	.0040	.0030 *	******	******
MT	JEFFERSON CO	270760903F 2	92	7	1	79	40	.0040 *	******	******	******
MT	LEWIS AND CLARK CO	270860002F 2	92	7	1	79	59	.0070	******	******	******
MT	MISSOULA CO	271100019F 1	92	7	1	79	54	.0120 *	.0090 *	.0020	******
NE	LINCOLN	281560012A 1	90	7	1	81	28	.0028	******	******	******
NE	OMAHA	281880034A 1	90	7	1	79	29	.0032	.0028	.0028	.0028
NV	LAS VEGAS	290320001A 1	90	7	1	81	30	.0045	.0028	.0028	******
NV	RENO	290480001A 1	90	7	1	80	29	.0085	.0050	.0041	.0040
NV	WHITE PINE CO	290560001A 3	90	7	1	79	27	.0028	.0028 *	.0028	.0028
NJ	BAYONNE	310180001A 1	90	7	1	80	24	.0173	******	******	******
NJ	CAMDEN	310720005A 1	90	7	1	80	20	.0160 *	.0086	******	******
NJ	CAMDEN CO	310740006A 1	90	7	1	81	22	.0093 *	******	******	******
NJ	ELIZABETH	311300002A 1	90	7	1	79	22	.0197 *	.0090 *	******	******
NJ	GLASSBORO	311700001A 1	90	7	1	79	22	.0102 *	******	******	******
NJ	JERSEY CITY	312320001A 1	90	7	1	81	20	.0228 *	.0173	******	******
NJ	NEWARK	313480001A 1	90	7	1	81	21	.0180 *	.0139	.0086	******
NJ	PATERSON	314140005A 1	90	7	1	81	28	.0070	******	******	******
NJ	TRENTON	315400001A 1	90	7	1	80	21	.0125 *	******	******	******
NM	ALBUQUERQUE	320040001A 1	90	7	1	80	26	.0269	.0217 *	.0040	.0035
NM	RIO ARRIBA CO	320920003K 3	92	7	1	79	62	.0030 *	******	******	******
NM	SAN JUAN CO	321000007K 3	92	7	1	79	65	.0070 *	.0040 *	******	******
NY	BUFFALO	330660001A 1	90	7	1	80	29	.0138	.0046 *	.0044	******
NY	ENDICOTT	331980004A 1	90	7	1	82	30	.0035	******	******	******
NY	NEW YORK CITY	334680079A 1	90	7	1	82	24	.0131	******	******	******

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Table A-25

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - NICKEL

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
NY	NIAGARA FALLS	334740001A 1	90	7	1	81	22	.0112	*	.0108		.0090		.0045	
NY	ROCHESTER	335760001A 1	90	7	1	80	29	.0074		.0046		.0030	*	******	
NY	SYRACUSE	336620001A 1	90	7	1	80	25	.0204		.0094		.0028		******	
NY	UTICA	336880001A 1	90	7	1	79	28	.0130		.0123	*	.0078	*	.0068	*
NY	YONKERS	337620001A 1	90	7	1	79	21	.0164	*	.0092		******		******	
NC	CHARLOTTE	340700001A 1	90	7	1	79	29	.0045		.0043		.0033		******	
NC	DURHAM	341160001A 1	90	7	1	82	31	.0062		.0061		.0061		.0032	
NC	GREENSBORO	341740009A 1	90	7	1	82	26	.0036	*	******		******		******	
NC	MOREHEAD CITY	342720002A 1	90	7	1	80	28	.0038		.0029		.0028	*	.0028	
NC	RALEIGH	343240003A 1	90	7	1	82	27	.0031		******		******		******	
NC	WINSTON-SALEM	344460002A 1	90	7	1	79	25	.0046		******		******		******	
OH	AKRON	360060014A 1	90	7	1	80	27	.0061		.0059		.0033		.0031	
OH	CANTON	361000001A 1	90	7	1	79	27	.0134		.0113		.0112		.0067	*
OH	CINCINNATI	361220019A 1	90	7	1	80	26	.0257		.0122		.0115	*	.0073	
OH	CLEVELAND	361300001A 1	90	7	1	80	27	.0092		.0085	*	.0049		.0042	*
OH	COLUMBUS	361460001A 1	90	7	1	82	31	.0082		.0063		.0062		.0059	
OH	DAYTON	361660014A 1	90	7	1	81	25	.0079	*	.0044		.0028		******	
OH	MANSFIELD	363840008A 1	90	7	1	80	28	.0050		.0037		******		******	
OH	PORTSMOUTH	365620002A 1	90	7	1	79	28	.0035		.0029		.0028		******	
OH	STEUBENVILLE	366420012A 1	90	7	1	79	28	.0072		.0037		******		******	
OH	TOLEDO	366600006A 1	90	7	1	79	29	.0187		.0032		.0028		******	
OH	YOUNGSTOWN	367760001A 1	90	7	1	79	26	.0219		.0060	*	.0040		.0037	
OK	MIDWEST CITY	371940006A 1	90	7	1	81	30	.0028		.0028		******		******	
OK	OKLAHOMA CITY	372200035A 1	90	7	1	80	30	.0046		******		******		******	
OR	PORTLAND	381460015A 2	90	7	1	80	28	.0245		.0227		.0176		.0149	
PA	ALLENTOWN	390120003A 1	90	7	1	82	24	.0095	*	******		******		******	
PA	BETHLEHEM	390780725A 2	90	7	1	82	21	.0113	*	******		******		******	
PA	PHILADELPHIA	397140004A 1	90	7	1	82	31	.0227		.0185	*	******		******	
PA	READING	397620015A 1	90	7	1	82	22	.0201	*	******		******		******	
PA	SCRANTON	398040208A 1	90	7	1	82	20	.0044	*	******		******		******	
PA	SHOYERSVILLE	398880206A 1	90	7	1	82	22	.0031		******		******		******	
PR	GUAYANILLA CO	401100003A 2	90	7	1	79	22	.0148	*	.0146		.0085	*	.0083	
PR	GUAYNABO CO	401140001A 1	90	7	1	80	27	.0104		******		******		******	
PR	LEVITTOWN	401530001A 1	90	7	1	82	30	.0108		******		******		******	
PR	PONCE	401920002A 1	90	7	1	79	22	.0061		.0050		.0040		.0040	
PR	SAN JUAN CO	402160003A 1	90	7	1	79	26	.0094		******		******		******	
PR	TOA BAJA CO	402320002A 1	90	7	1	79	27	.0147		.0067	*	******		******	
RI	EAST PROVIDENCE	410120008A 1	90	7	1	80	30	.0136		.0109		******		******	
RI	KENT CO	410140002A 5	90	7	1	79	23	.0052	*	******		******		******	
RI	PROVIDENCE	410300017A 1	90	7	1	81	27	.0203	*	******		******		******	

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Table A-25

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - NICKEL

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
SC	CHARLESTON CO	420560003A	2	90	7	1	81	28	.0112		.0110		.0082		.0073	
SC	COLUMBIA	420760006A	1	90	7	1	82	29	.0030		******		******		******	
SC	GREENVILLE	421180001A	1	90	7	1	79	21	.0048	*	.0030		.0028		******	
SD	CUSTER CO	430420001A	3	90	7	1	82	30	.0028		******		******		******	
SD	HOT SPRINGS	430780001A	3	90	7	1	81	29	.0028		******		******		******	
TN	CHATTANOOGA	440380020A	1	90	7	1	82	28	.0068		.0057		.0045		.0042	
TN	MEMPHIS	442340013A	1	90	7	1	81	29	.0041		.0040		******		******	
TN	NASHVILLE-DAVIDSON	442540002A	1	90	7	1	82	30	.0138		.0090		******		******	
TX	ABILENE	450010001F	1	96	7	1	79	53	.0100		.0100		.0100		.0100	
TX	ALVIN	450060001F	1	96	7	1	79	36	.0100		.0100	*	.0100	*	******	
TX	AMARILLO	450070002F	1	96	7	1	80	23	.0100	*	.0100		******		******	
TX	ARLINGTON	450170004F	3	96	7	1	79	57	.0100		.0100		.0100		.0100	
TX	AUSTIN	450220005F	1	96	7	1	79	34	.0300	*	.0100		.0100		.0100	
TX	BAYTOWN	450320003F	1	96	7	1	80	29	.0200	*	.0100	*	.0100		.0100	*
TX	BEAUMONT	450330001F	1	96	7	1	81	53	.0100		.0100	*	.0100	*	.0100	*
TX	BIG SPRING	450440002F	1	96	7	1	79	46	.0100		.0100	*	.0100		******	
TX	BRIDGEPORT	450600001F	3	96	7	1	79	44	.0100	*	.0100	*	.0100		******	
TX	BROWNSVILLE	450650003F	1	96	7	1	79	33	.0100		.0100	*	.0100		.0100	*
TX	BROWNWOOD	450660002F	1	96	7	1	79	55	.0100		.0100		.0100		******	
TX	CALHOUN CO	450720001F	1	96	7	1	80	20	.0100	*	******		******		******	
TX	CHAMBERS CO	450860001F	3	96	7	1	79	35	.0100	*	.0100	*	******		******	
TX	CLUTE	450950003F	1	96	7	1	79	32	.0100	*	.0100		******		******	
TX	COLLIN CO	451020001F	1	96	7	1	81	34	.0100	*	******		******		******	
TX	CORPUS CHRISTI	451150001F	1	96	7	1	79	21	.0100	*	.0100		.0100		.0100	*
TX	CORSICANA	451160001F	1	96	7	1	81	42	.0100	*	******		******		******	
TX	DALLAS	451310002F	1	96	7	1	80	22	.0100	*	.0100	*	.0100		.0100	
TX	DEER PARK	451370002H	2	92	7	1	79	52	.0390		.0100	*	.0050		******	
TX	DENISON	451400001F	1	96	7	1	81	42	.0100		******		******		******	
TX	DENTON	451410001F	1	96	7	1	81	25	.0100	*	******		******		******	
TX	ELLIS CO	451690001F	1	96	7	1	81	40	.0100	*	******		******		******	
TX	EL PASO	451700002F	1	96	7	1	81	50	.0100		.0100	*	.0100	*	.0100	*
TX	EL PASO CO	451710004F	1	96	7	1	79	39	.0100	*	.0100		.0100		.0100	
TX	EULESS	451744001F	1	96	7	1	79	46	.0100		.0100		******		******	
TX	FORT WORTH	451880001F	1	96	7	1	79	22	.0100	*	.0100	*	.0100		.0100	
TX	GARLAND	452000002F	1	96	7	1	79	49	.0100		.0100	*	.0100	*	******	
TX	GRAND PRAIRIE	452130002F	1	96	7	1	79	55	.0100		.0100		.0100		******	
TX	GREGG CO	452180001F	3	96	7	1	79	58	.0100		.0100		.0100		******	
TX	HARLINGEN	452320001F	1	96	7	1	79	40	.0100		.0100		.0100	*	******	
TX	HARRIS CO	452330004F	1	96	7	1	79	55	.0200		.0200	*	.0100		.0100	
TX	HIDALGO CO	452460002F	1	96	7	1	79	28	.0100	*	.0100	*	******		******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table A-25

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - NICKEL

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	HOUSTON	452560034F	1	96	7	1	80	39	.0200	*	.0100	*	.0100	.0100	*
TX	IRVING	452670001F	1	96	7	1	79	40	.0100		.0100	*	.0100	.0100	
TX	JEFF DAVIS CO	452740003F	3	96	7	1	79	32	.0100	*	.0100	*	******	******	
TX	JOHNSON CO	452790001F	1	96	7	1	81	42	.0100	*	******		******	******	
TX	LA PORTE	453130002F	1	96	7	1	79	53	.0100		.0100		******	******	
TX	LAREDO	453140013F	1	96	7	1	79	31	.0100		.0100	*	******	******	
TX	LEAGUE CITY	453170001F	1	96	7	1	79	50	.0100		.0100		******	******	
TX	LEWISVILLE	453210001F	1	96	7	1	79	57	.0100		.0100		.0100	*	******
TX	LUBBOCK	453340001F	1	96	7	1	79	20	.0100	*	.0100		.0100	.0100	
TX	MC ALLEN	453390001F	1	96	7	1	79	49	.0100		.0100	*	******	******	
TX	MIDLAND	453620001F	1	96	7	1	79	40	.0100		.0100		.0100	*	******
TX	MOUNT PLEASANT	453770001F	1	96	7	1	79	40	.0100		.0100		.0100	******	
TX	NEW BRAUNFELS	453850001F	1	96	7	1	81	39	.0100	*	.0100	*	******	******	
TX	ODESSA	453910001F	1	96	7	1	79	35	.0100	*	.0100		.0100	.0100	
TX	PASADENA	454060002F	1	96	7	1	81	51	.0100		.0100		.0100	*	.0040
TX	PORT ARTHUR	454190009F	1	96	7	1	80	37	.0100	*	.0100		.0100	*	******
TX	SAN ANTONIO	454570034F	1	96	7	1	79	28	.0100		.0100		.0100	.0100	
TX	SAN BENITO	454600001F	1	96	7	1	79	27	.0100	*	.0100	*	******	******	
TX	SAN MARCOS	454640002F	1	96	7	1	79	45	.0100		.0100	*	.0100	******	
TX	SAN PATRICIO CO	454650001F	1	96	7	1	79	27	.0200	*	.0100	*	******	******	
TX	SEABROOK	454715001F	1	96	7	1	79	32	.0100	*	.0100	*	.0100	*	******
TX	SHERMAN	454790003F	1	96	7	1	79	25	.0100	*	.0100	*	******	******	
TX	TARRANT CO	455070001F	1	96	7	1	79	56	.0100		.0100		******	******	
TX	TEXARKANA	455160003F	1	96	7	1	79	53	.0100		.0100		.0100	******	
TX	TEXAS CITY	455170002F	1	96	7	1	79	37	.0100	*	.0100	*	.0100	.0100	*
TX	TOM GREEN CO	455200001F	3	96	7	1	79	22	.0100	*	.0100	*	.0100	******	
TX	TRAVIS CO	455210002F	3	96	7	1	79	31	.0100	*	.0100	*	******	******	
TX	TYLER	455240002F	1	96	7	1	79	58	.0100		.0100		.0100	******	
TX	VICTORIA	455340001F	1	96	7	1	79	21	.0100	*	.0100	*	******	******	
TX	WACO	455370007F	1	96	7	1	79	60	.0100		.0100		.0100	******	
TX	WAXAHACHIE	455420003F	1	96	7	1	79	50	.0100		.0100		******	******	
TX	WESLACO	455460001F	3	96	7	1	79	34	.0100		.0100	*	.0100	*	******
TX	WICHITA FALLS	455560002F	1	96	7	1	79	27	.0100		.0100		.0100	******	
UT	EMERY CO	460280001K	3	92	7	1	79	45	.0030	*	.0030	*	******	******	
UT	GARFIELD CO	460300002K	3	92	7	1	79	65	.0050	*	.0030	*	******	******	
UT	KANE CO	460400003K	3	92	7	1	79	73	.0050	*	******		******	******	
UT	SAN JUAN CO	460960001K	3	92	7	1	79	64	.0030	*	.0030	*	.0030	*	******
UT	WASHINGTON CO	461280001K	3	92	7	1	79	67	.0040	*	.0040	*	******	******	
VT	ORANGE CO	470360001A	3	90	7	1	81	22	.0087	*	.0028		******	******	
VA	DANVILLE	480920009A	2	90	7	1	79	27	.0036		.0028	*	******	******	

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Table A-25

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - NICKEL

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD	4TH
VA	HAMPTON	481440006A 1	90	7	1	82	31	.0060		.0039		******	******
VA	NORFOLK	482140001A 1	90	7	1	79	29	.0182		.0111		.0106	.0055
VA	RICHMOND	482660020A 1	90	7	1	82	25	.0032	*	******		******	******
VA	SALEM	482800001A 1	90	7	1	82	31	.0030		******		******	******
VA	SHENANDOAH NAT PARK	482890001A 3	90	7	1	80	28	.0029		.0028		.0028	******
WA	SEATTLE	491840057A 2	90	7	1	79	20	.0143	*	.0117		.0107	.0087
WA	SPOKANE	492040001A 1	90	7	1	79	25	.0043	*	.0043	*	.0033	******
WA	TACOMA	492140004A 2	90	7	1	79	22	.0185	*	.0138		.0112	.0064
WV	CHARLESTON	500280005A 1	90	7	1	82	22	.0030	*	******		******	******
WI	DOOR CO	510780002A 3	90	7	1	81	29	.0063		.0028		.0028	******
WI	EAU CLAIRE	510840002A 1	90	7	1	79	29	.0031		.0028	*	******	******
WI	KENOSHA	511540003A 1	90	7	1	80	28	.0050		.0030		******	******
WI	MADISON	511860024A 1	90	7	1	81	28	.0047		.0029		.0028	.0028
WI	MILWAUKEE	512200064A 2	90	7	1	81	23	.0081	*	.0051		.0044	.0043
WI	RACINE	512880002A 1	90	7	1	80	30	.0030		.0029		******	******
WI	SUPERIOR	513480006A 1	90	7	1	80	23	.0048	*	.0039		******	******
WY	TETON CO	520720001A 3	90	7	1	81	25	.0028	*	.0028	*	******	******
VI	CHARLOTTE AMALIE	550010002A 2	90	7	1	79	20	.0031	*	.0031	*	******	******

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Figure A-21. Air Quality Sites for (12105) Beryllium - Any Data

SASD OAQPS 28 Mar 1984

Figure A-22. Air Quality Sites for (17242) Benzo(a)Pyrene - Any Data

SASD OAQPS 28 Mar 1984

Figure A-23. Air Quality Sites for (12110) Cadmium – Any Data

SASD OAQPS 28 May 1984

Figure A-24. Air Quality Sites for (12132) Manganese – Any Data

Figure A-25. Air Quality Sites for (12136) Nickel – Any Data

SASD OAQPS 28 Mar 1984

Table B-1. Summary of Quarterly and Annual Average Statistics for 1,3 Butadiene

POLLUTANT(105): 1,3 BUTADIENE

CITY	SITE	DAM	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CO DENVER	UR	DA	A	B	2.11 73							34	3.96		
T DEER PARK	UR	IN	E	B	4.00 74			1	ZERO						
TX HOUSTON	UR	IN	E	B	2.00 74	1	3.98	1	0.88						
TX HOUSTON	SR	IN	E	B	4.00 73					1	ZERO				
TX HOUSTON	SR	IN	E	B	4.00 73					1	ZERO				
TX HOUSTON	SR	IN	E	B	2.00 73					1	1.11				
TX HOUSTON	SR	IN	E	B	2.00 74			1	0.77						
TX HOUSTON	UR	IN	E	B	2.00 74	1	3.93								
TX HOUSTON	UR	IN	E	B	2.00 73					1	2.27				
TX HOUSTON	UR	IN	E	B	2.00 74	1	12.7								
TX JACINTO CITY	SR	IN	E	B	2.00 73					1	2.21				
TX JACINTO CITY	SR	IN	E	B	2.00 74	1	8.85	1	4.15						
TX LA PORTE	SU	IN	E	B	4.00 73					1	ZERO				
TX PASADENA	SR	IN	E	B	2.00 73					1	1.55				
TX PASADENA	SR	DA	E	B	2.00 74	1	27.7								

Table B-2. Summary of Quarterly and Annual Average Statistics for Carbon Disulfide

POLLUTANT(129): CARBON DISULFIDE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- QTR 1 -- CNT	AVERAGE	-- QTR 2 -- CNT	AVERAGE	-- QTR 3 -- CNT	AVERAGE	-- QTR 4 -- CNT	AVERAGE	- ANNUAL - QTRS	AVERAGE
PA PHILADELPHIA	UR	DA	F	B	2.00	79							11	0.36		
VA WALLOPS IS	RU	DA	F	B	2.00	79							3	0.16		

Table B-3. Summary of Quarterly and Annual Average Statistics for Carbonyl Sulfide

POLLUTANT(128): CARBONYL SULFIDE

CITY	SITE	DATA	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
OK LAWTON	UR	DA	F B	2.00	77			3	1.25						
PA PHILADELPHIA	UR	DA	F B	2.00	77			4	1.07						
PA PHILADELPHIA	UR	DA	F B	2.00	78	7	1.31								
VA WALLOPS IS	RU	DA	F B	2.00	77	1	1.03	2	1.15						

Table B-4. Summary of Quarterly and Annual Average Statistics for Ethyl Chloride

POLLUTANT(113): ETHYL CHLORIDE

CITY	SITE	DAM	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CA RIVERSIDE	UR	DA	BA	1.00	80					11	0.22				
CO DENVER	UR	DA	BA	1.00	80			11	0.11						
LA BATON ROUGE	SR	DA	DJ	4.00	77	3	ZERO								
LA BATON ROUGE	SR	DA	DJ	4.00	77	1	ZERO								
LA PLAQUEMINE	SR	LT	DJ	3.00	77	3	0.13								
MO ST LOUIS	UR	DA	BA	1.00	80			10	0.11						
TX HOUSTON	UR	DA	BA	1.00	80			10	0.60						

Table B-5. Summary of Quarterly and Annual Average Statistics for 1,2 Dibromoethane

POLLUTANT(009): 1,2 DIBROMOETHANE

CITY	SI TE	DA TA	S M	A M	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AR EL DORADO	SR	DA	D	J	2.00	77					3	0.38				
AR EL DORADO	SR	DA	D	J	2.00	78			8	76.7	3	104.				
AR EL DORADO	SR	DA	D	J	2.00	77					5	15.8				
AR EL DORADO	SR	DA	D	J	2.00	76					2	0.31				
AR EL DORADO	SR	IA	D	J	2.00	76					1	0.01				
AR EL DORADO	SR	DA	D	J	2.00	77					1	0.11				
AR MAGNOLIA	SR	DA	D	J	2.00	77					5	11.6				
AR MAGNOLIA	SR	DA	D	J	2.00	77					2	1.25				
AR MAGNOLIA	SR	IA	D	J	2.00	76					1	5.17				
AZ GRAND CANYON	RE	LT	D	J	3.00	77										
AZ PHOENIX	UR	DA	B	A	2.00	79			11	0.30			7	ZERO		
AZ PHOENIX	UR	DA	D	A	2.00	76	1	0.32								
AZ PHOENIX	UR	DA	D	A	2.00	76	1	0.36								
CA BADGER PASS	RE	LT	B	A	3.00	77			8	ZERO						
CA LOS ANGELES	UR	DA	B	A	2.00	79			9	0.25						
CA LOS ANGELES	UR	DA	D	A	2.00	76	1	0.11								
CA LOS ANGELES	UR	DA	D	A	2.00	76	1	0.12								
CA MILL VALLEY	SU	LT	B	A	2.00	77	26	0.08								
CA OAKLAND	UR	DA	B	A	2.00	79			1	0.11	8	0.13				
CA POINT ARENA	RE	LT	B	A	3.00	77			7	0.04						
CA RIVERSIDE	UR	LT	B	A	2.00	77			9	0.18						
CA RIVERSIDE	UR	DA	B	A	2.00	80					11	0.17				
CO DENVER	UR	DA	B	A	2.00	80			11	0.25						
FL FT. PIERCE	SR	DA	D	A	2.00	76			1	9.36						
FL MARIETA	SR	DA	D	A	2.00	76			1	7.74						
MO KANSAS CITY	SU	DA	D	A	2.00	76	1	0.06								
MO MARYVILLE	RU	DA	D	A	2.00	76	1	0.07								
MO ST LOUIS	UR	DA	B	A	2.00	80			10	0.12						
NC CHAPEL HILL	SU	DA	D	J	2.00	80			1	0.14						
NJ BATSTO	UR	DA	D	B	4.00	79	1	ZERO	6	ZERO	15	ZERO	14	ZERO	3	ZERO
NJ BOUND BROOK	SR	HR	D	J	3.00	76	1	ZERO								
NJ CAMDEN	UR	DA	D	B	4.00	79			8	6.52	13	0.44	2	6.91	2	3.48
NJ CAMDEN	UR	DA	D	A	2.00	76			1	0.45						
NJ CLIFTON	UR	HR	D	J	3.00	76	1	ZERO								
NJ DEEPWATER	SR	DA	D	J	4.00	77			1	ZERO						
NJ EDISON	SR	DA	D	J	2.00	76			1	0.14	1	0.19				
NJ ELIZABETH	UR	DA	D	B	4.00	79	1	ZERO	11	2.42	16	0.27	14	2.52	3	1.74
NJ ELIZABETH	SR	DA	D	J	2.00	78					9	16.1				
NJ FORDS	SR	HR	D	J	3.00	76	1	ZERO								
NJ HOBOKEN	SU	HR	D	J	3.00	76	1	ZERO								
NJ NEWARK	UR	DA	D	B	4.00	79	1	ZERO	12	0.36	15	0.42	15	1.89	3	0.89
NJ NEWARK	UR	HR	D	J	3.00	76	1	ZERO								
NJ PASSAIC	UR	HR	D	J	3.00	76	1	ZERO								
NJ PATERSON	UR	HR	D	J	2.00	76	1	0.13								
NJ PAULSBORO	SR	DA	D	A	2.00	76			1	0.12						
NJ RUTHERFORD	UR	DA	D	B	4.00	79	1	ZERO	7	0.33	14	2.07	15	2.37	3	1.59
NJ SOUTH AMBOY	UR	DA	D	B	4.00	79	1	ZERO	12	0.98	13	0.96	13	ZERO	3	0.65
NY REESE RIVER	RE	LT	B	A	3.00	77			6	ZERO						
NY STATEN IS	UR	HR	D	J	3.00	76	1	ZERO								

Table B-5. Summary of Quarterly and Annual Average Statistics for 1,2 Dibromoethane

POLLUTANT(009): 1,2 DIBROMOETHANE

CITY	SITE	DAS	MM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
OK PONCA CITY	SR	DA	D A	2.00	76	1	0.07								
TX BEAUMONT	UR	DA	D J	2.00	80	1	0.14								
TX EL PASO	SR	DA	D J	2.73	78			15	0.24						
TX FREEPORT	SR	HR	D J	4.00	76					1	ZERO				
TX HOUSTON	UR	DA	B A	2.00	80			10	0.44						
TX PASADENA		HR	D J	2.00	76					1	0.16				

Table B-6. Summary of Quarterly and Annual Average Statistics for c-1,2 Dichloroethylene

POLLUTANT(017): C-1,2 DICHLOROETHYLENE

CITY	SITE	DAT	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AZ PHOENIX	UR	DA	B A	3.00	79			10	4.16						
CA LOS ANGELES	UR	DA	B A	3.00	79			10	7.96						
CA OAKLAND	UR	DA	B A	3.00	79			1	ZERO	8	3.28				
CA RIVERSIDE	UR	DA	B A	3.00	80					11	0.24				
CO DENVER	UR	DA	B A	3.00	80			11	0.29						
LA BATON ROUGE	SR	DA	D J	3.00	77			6	ZERO						
MO ST LOUIS	UR	DA	B A	3.00	80			10	0.15						
NJ BOUND BROOK	SR	DA	D J	3.00	78					2	0.85				
NJ CARLSTADT	SR	DA	D J	3.00	78					2	1.64				
NJ DEEPWATER	SR	DA	D J	4.00	77			1	ZERO						
NJ EDISON	SR	DA	D J	3.00	78					2	2.08				
NJ EDISON	SR	DA	D J	3.00	76			2	0.92	1	ZERO				
NJ FORDS	SR	DA	D J	3.00	78					2	13.7				
NJ RAHWAY	SR	DA	D J	3.00	78					2	2.60				
OK LIBERTY MOUND	RU	IA	D J	3.00	77					2	ZERO				
OK TULSA	UR	IA	D J	3.00	77					2	ZERO				
OK VERA	SU	IA	D J	3.00	77					1	ZERO				
TX ALDINE	UR	IA	D J	3.00	77			1	ZERO	1	ZERO	1	0.30		
TX HOUSTON	UR	DA	D J	3.00	77					10	ZERO				
TX HOUSTON	UR	DA	B A	3.00	80			10	0.28						
TX HOUSTON	UR	IA	D J	3.00	77			1	4.52	1	ZERO	1	ZERO		
TX HOUSTON	UR	IA	D J	3.00	77							2	ZERO		
VA FRONT ROYAL	UR	DA	D J	3.00	77					1	ZERO	3	0.18		
WV CHARLESTON	UR	IA	D J	3.00	77					1	ZERO				
WV CHARLESTON	UR	LT	D J	3.00	77					1	ZERO	6	ZERO		
WV INSTITUTE	SU	IA	D J	3.00	77							2	ZERO		
WV NITRO	SR	IA	D J	3.00	77					1	ZERO				
WV NITRO	SR	IA	D J	3.00	77							1	ZERO		
WV NITRO	SR	IA	D J	3.00	77					1	ZERO	3	ZERO		
WV S CHARLESTON	UR	IA	D J	3.00	77					1	ZERO	3	ZERO		
WV ST. ALBANS	SU	IA	D J	3.00	77					2	ZERO	2	ZERO		
WV W. BELLE	SU	IA	D J	3.00	77					2	ZERO	4	ZERO		

Table B-7. Summary of Quarterly and Annual Average Statistics for Ethylbenzene

POLLUTANT(317): ETHYLBENZENE

CITY	SITE	DATA	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D	J 2.00	77			10	0.73						
AR EL DORADO	SR	DA	D	J 2.00	78			8	6.36	3	22.0				
AZ GRAND CANYON	RE	LT	D	J 4.00	77							7	ZERO		
AZ PHOENIX	UR	DA	B	B 1.00	79			10	8.25						
CA LOS ANGELES	UR	DA	B	B 1.00	79			9	9.69						
CA OAKLAND	UR	DA	B	B 1.00	79			1	4.64	8	2.37				
CA RIVERSIDE	UR	DA	B	B 1.00	80					11	5.61				
CA UPLAND	SR	DA	D	J 2.00	77					19	2.00				
CO DENVER	UR	DA	B	B 1.00	80			11	8.88						
LA BATON ROUGE	SR	DA	D	J 2.00	77			8	0.04						
LA LAKE CHARLES	UR	DA	D	J 2.00	78			3	0.19						
MO ST LOUIS	UR	DA	B	B 1.20	80			10	1.90						
NJ ELIZABETH	SR	DA	D	J 2.00	78					9	15.6				
PA PHILADELPHIA	UR	HR	A	B 1.00	79					29	3.80				
PA PHILADELPHIA	SR	HR	A	B 1.00	79					41	2.40				
TX BURNETT	RE	DA	D	J 2.00	77							1	52.1		
TX DEER PARK	UR	IN	E	B 1.00	74			1	2.82						
TX DEER PARK	SR	DA	D	J 2.00	77							1	126.		
TX DENVER CITY	SR	DA	D	J 2.00	77							4	3,340.		
TX DENVER CITY	SR	DA	D	J 2.00	77							3	3,210.		
TX DENVER CITY	SR	DA	D	J 2.00	77							7	2,390.		
TX EL PASO	SR	DA	D	J 2.00	78			15	23.0						
TX HOUSTON	UR	IN	E	B 1.00	74	1	16.8	1	3.09						
TX HOUSTON	SR	DA	D	J 2.00	77					10	0.51				
TX HOUSTON	UR	DA	B	B 1.00	80			10	5.84						
TX HOUSTON	SR	IN	E	B 1.00	73					1	1.68				
TX HOUSTON	SR	IN	E	B 1.00	73					1	3.58				
TX HOUSTON	SR	IN	E	B 1.00	73					1	1.36				
TX HOUSTON	SR	IN	E	B 1.00	74			1	7.06						
TX HOUSTON	UR	IN	E	B 1.00	74	1	22.7								
TX HOUSTON	UR	IN	E	B 1.00	73					1	10.7				
TX HOUSTON	UR	IN	E	B 1.00	74	1	32.2								
TX JACINTO CITY	SR	IN	E	B 1.00	73					1	2.88				
TX JACINTO CITY	SR	IN	E	B 1.00	74	1	23.4	1	13.3						
TX JONES ST FRST	RU	DA	E	B 1.00	78	2	2.02								
TX LA PORTE	SU	IN	E	B 1.00	73					1	2.12				
TX PASADENA	SR	IN	E	B 1.00	73					1	3.64				
TX PASADENA	SR	IN	E	B 1.00	74	1	24.4	1	2.12						
UT MAGNA	SR	DA	D	J 2.40	77							10	0.16		
WV S CHARLESTON	SR	DA	D	J 2.40	77	10	0.02								

Table B-8. Summary of Quarterly and Annual Average Statistics for Ethylene

POLLUTANT(303): ETHYLENE

CITY	SITE	DAS	AMM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
CA AZUSA	UR	LT	E B	1.00	75					31	17.6				
CA EL MONTE	UR	LT	E B	1.00	75					59	23.3				
CA LONG BEACH	UR	LT	E B	1.00	75			21	13.0	25	13.0			2	13.0
CA SAN JOSE	UR	LT	B A	1.00	78					6	7.75				
CA UPLAND	UR	LT	E B	1.00	75			22	17.0	32	17.0			2	17.0
KS JETHORE	RU	LT	B A	1.00	78			6	0.44						
MO ST LOUIS	SU	HR	E B	1.00	72							30	3.67		
MO ST LOUIS	UR	HR	E B	1.00	72							30	39.0		
NJ BAYONNE	UR	LT	E B	1.00	69			30	16.6	61	16.6			2	16.6
NJ LINDEN	UR	LT	E B	1.00	69			30	23.5	61	23.5			2	23.5
NY BROOKLYN	UR	LT	E B	1.00	69			30	23.5	61	23.5			2	23.5
NY MANHATTEN	UR	LT	E B	1.00	69			30	27.0	61	27.0			2	27.0
TX DEER PARK	UR	IN	E B	1.00	74			1	18.8						
TX HOUSTON	UR	IN	E B	1.00	74	1	71.3	1	21.8						
TX HOUSTON	SR	IN	E B	1.00	73										
TX HOUSTON	UR	DA	A B	1.00	73					1	7.97				
TX HOUSTON	SR	IN	E B	1.00	73					2	40.0				
TX HOUSTON	SR	IN	E B	1.00	73					1	9.64				
TX HOUSTON	SR	IN	E B	1.00	74					1	5.79				
TX HOUSTON	UR	IN	E B	1.00	74	1	82.0	1	44.9						
TX HOUSTON	UR	IN	E B	1.00	73										
TX HOUSTON	UR	IN	E B	1.00	74	1	190.			1	100.				
TX JACINTO CITY	SR	IN	E B	1.00	73										
TX JACINTO CITY	SR	IN	E B	1.00	74	1	153.	1	158.	1	14.1				
TX JONES ST FRST	RU	DA	E B	1.00	78	2	5.29								
TX LA PORTE	SU	IN	E B	1.00	73										
TX PASADENA	SR	IN	E B	1.00	73					1	3.61				
TX PASADENA	SR	IN	E B	1.00	74	1	118.	1	6.08	1	17.7				
TX PASADENA	UR	DA	A B	1.00	73										
TX PASADENA	UR	DA	A B	1.00	74					2	88.8				
										1	18.9				

Table B-9. Summary of Quarterly and Annual Average Statistics for Methyl Chloride

POLLUTANT(002): METHYL CHLORIDE

CITY	SITE	TA	MM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AZ PHOENIX	UR	DA	B	A 1.00	79			10	4.83						
CA BADGER PASS	RE	LT	B	A 1.00	76			5	1.47						
CA BADGER PASS	RE	LT	B	A 1.00	77			8	1.49						
CA LOS ANGELES	UR	LT	B	A 1.00	76			5	1.72						
CA LOS ANGELES	UR	DA	B	A 1.00	79			9	6.59						
CA MENLO PARK	UR	LT	B	A 1.00	75							6	2.11		
CA MILL VALLEY	SU	LT	B	A 1.00	77	26	1.50								
CA OAKLAND	UR	DA	B	A 1.00	79			1	6.29	8	1.93				
CA PALM SPRINGS	SU	LT	B	A 1.00	76			6	2.18						
CA POINT ARENA	RE	LT	B	A 1.00	77			7	1.50						
CA POINT ARENA	RE	LT	B	A 1.00	78					6	1.30				
CA PT REYES	RU	LT	B	A 1.00	75							10	2.60		
CA RIVERSIDE	UR	LT	B	A 1.00	77			9	3.07						
CA RIVERSIDE	UR	DA	B	A 1.00	80					11	1.52				
CA SAN JOSE	UR	LT	B	A 1.00	78					6	1.85				
CO DENVER	UR	DA	B	A 1.00	80			11	1.59						
KS JETMORE	RU	LT	B	A 1.00	78			6	1.21						
MO ST LOUIS	UR	DA	B	A 1.00	80			10	1.48						
NV REESE RIVER	RE	LT	B	A 1.00	77			6	1.42						
TX HOUSTON	UR	DA	B	A 1.00	80			10	1.98						

Table B-10. Summary of Quarterly and Annual Average Statistics for Methyl-ethyl Ketone

POLLUTANT(329): METHYL-ETHYL KETONE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- QTR 1 -- CNT	AVERAGE	-- QTR 2 -- CNT	AVERAGE	-- QTR 3 -- CNT	AVERAGE	-- QTR 4 -- CNT	AVERAGE	- ANNUAL - QTRS	AVERAGE
NJ BATSTO	UR	DA	D	B	3.00	79	5	ZERO	6	ZERO	11	ZERO	4	ZERO	3	ZERO
NJ CAMDEN	UR	DA	D	B	3.00	79			8	ZERO	8	ZERO			2	ZERO
NJ DEEPWATER	SR	DA	D	J	4.00	77			1	ZERO						
NJ EDISON	SR	DA	D	J	3.00	76			2	1.40	1	5.52				
NJ ELIZABETH	UR	DA	D	B	3.00	79	13	ZERO	11	ZERO	11	ZERO	1	ZERO	3	ZERO
NJ LINDEN	SR	DA	D	J	3.00	77			1	0.03						
NJ NEWARK	UR	DA	D	B	3.00	79	8	ZERO	12	ZERO	10	ZERO	1	ZERO	3	ZERO
NJ RUTHERFORD	UR	DA	D	B	3.00	79	10	ZERO	7	ZERO	9	ZERO	1	ZERO	3	ZERO
NJ SOUTH AMBOY	UR	DA	D	B	3.00	79	10	ZERO	12	ZERO	9	ZERO	1	ZERO	3	ZERO

Table B-11. Summary of Quarterly and Annual Average Statistics for Naphthalene

POLLUTANT(321): NAPHTHALENE

CITY	SITE	DAS	TAM	DJ	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA	D	J	2.00	77			10	7.72						
AR EL DORADO	SR	DA	D	J	2.00	78			8	6.32	3	9.80				
AZ GRAND CANYON	RE	LT	D	J	4.00	77							7	ZERO		
CA UPLAND	SR	DA	D	J	2.21	77					19	12.0				
LA BATON ROUGE	SR	DA	D	J	3.00	77			8	0.03						
LA LAKE CHARLES	UR	DA	D	J	2.00	78			2	0.09						
NJ ELIZABETH	SR	DA	D	J	2.00	78					9	9.41				
OH COLUMBUS	UR	DA	D	J	2.00	74	1	0.93								
TX EL PASO	SR	DA	D	J	2.00	78			15	3.65						
TX HOUSTON	SR	DA	D	J	2.00	77					10	0.33				
TX HOUSTON	UR	IA	A	B	1.00	76					1	2.50				
UT MAGNA	SR	DA	D	J	2.00	77							10	0.29		
WV S CHARLESTON	SR	DA	D	J	3.50	77	8	0.01								

Table B-12. Summary of Quarterly and Annual Average Statistics for Propene

POLLUTANT(306): PROPENE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- Q T R 1 -- CNT	AVERAGE	-- Q T R 2 -- CNT	AVERAGE	-- Q T R 3 -- CNT	AVERAGE	-- Q T R 4 -- CNT	AVERAGE	- A N N U A L - QTRS	AVERAGE
CA AZUSA	UR	LT	E	B	1.00	75					31	8.20				
CA EL MONTE	UR	LT	E	B	1.00	75					59	11.1				
CA LONG BEACH	UR	LT	E	B	1.00	75			21	6.71	25	6.71			2	6.71
CA SAN JOSE	UR	LT	B	A	1.00	78					6	4.21				
CA UPLAND	UR	LT	E	B	1.00	75			22	6.14	32	6.14			2	6.14
KS JETMORE	RU	LT	B	A	3.00	78			6	0.20						
MO ST LOUIS	SU	HR	E	B	1.00	72							30	1.55		
MO ST LOUIS	UR	HR	E	B	1.00	72							30	11.0		
NJ BAYONNE	UR	LT	E	B	1.00	69			30	5.16	61	5.16			2	5.16
NJ LINDEN	UR	LT	E	B	1.00	69			30	10.9	61	10.9			2	10.9
NY BROOKLYN	UR	LT	E	B	1.00	69			30	6.88	61	6.88			2	6.88
NY MANHATTEN	UR	LT	E	B	1.00	69			30	8.03	61	8.03			2	8.03
PA PHILADELPHIA	UR	HR	A	B	1.00	79					29	6.31				
PA PHILADELPHIA	SR	HR	A	B	1.00	79					41	6.60				
TX DEER PARK	UR	IN	E	B	1.00	74			1	1.78						
TX HOUSTON	UR	IN	E	B	1.00	74	1	20.9	1	12.2						
TX HOUSTON	SR	IN	E	B	1.00	73					1	2.01				
TX HOUSTON	UR	DA	A	B	2.00	73					2	5.25				
TX HOUSTON	SR	IN	E	B	1.00	73					1	2.41				
TX HOUSTON	SR	IN	E	B	1.00	73					1	7.74				
TX HOUSTON	SR	IN	E	B	1.00	74			1	16.0						
TX HOUSTON	UR	IN	E	B	1.00	74	1	50.7								
TX HOUSTON	UR	IN	E	B	1.00	73					1	12.9				
TX HOUSTON	UR	IN	E	B	1.00	74	1	88.3								
TX JACINTO CITY	SR	IN	E	B	1.00	73					1	5.51				
TX JACINTO CITY	SR	IN	E	B	1.00	74	1	34.0	1	10.0						
TX JONES ST FRST	RU	DA	E	B	1.00	78	2	2.72								
TX LA PORTE	SU	IN	E	B	1.00	73					1	0.06				
TX PASADENA	SR	IN	E	B	1.00	73					1	4.19				
TX PASADENA	SR	IN	E	B	1.00	74	1	44.3	1	2.41						
TX PASADENA	UR	DA	A	B	3.00	73					2	0.06				
TX PASADENA	UR	DA	A	B	3.00	74					1	ZERO				

Table B-13. Summary of Quarterly and Annual Average Statistics for Styrene

POLLUTANT(104): STYRENE

C I T Y	SI TE	DA TA	S M	A M	QUAL	YR	-- Q T R 1 -- CNT	AVERAGE	-- Q T R 2 -- CNT	AVERAGE	-- Q T R 3 -- CNT	AVERAGE	-- Q T R 4 -- CNT	AVERAGE	- A N N U A L - QTRS	AVERAGE
AL BIRMINGHAM	SR	DA	D	J	2.00	77			10	0.12						
AR EL DORADO	SR	DA	D	J	2.00	78			8	0.96	2	1.51				
AR MAGNOLIA	SR	DA	D	J	2.00	77					3	6.61				
AZ GRAND CANYON	RE	LT	D	J	4.00	77							7	ZERO		
CA UPLAND	SR	DA	D	J	2.00	77					19	0.26				
KY LOUISVILLE	SR	IA	D	B	2.00	78			1	5.70						
KY LOUISVILLE	SR	IA	D	B	2.00	78			1	1.90						
KY LOUISVILLE	SR	IA	D	B	2.00	78			1	1.35						
LA BATON ROUGE	SR	DA	D	J	3.00	77			8	0.01						
NJ ELIZABETH	SR	DA	D	J	2.00	78					9	9.73				
OH ADDYSTON	SR	IA	D	B	2.00	78			1	3.20						
OH ADDYSTON	SR	IA	D	B	2.00	78			1	2.20						
OH ADDYSTON	SR	IA	D	B	2.00	78			1	4.60						
OH ADDYSTON	SR	IA	D	B	2.00	78			1	1.25						
OH ADDYSTON	SR	IA	D	B	2.00	78			1	5.60						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	7.85						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	6.60						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	6.70						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	6.90						
OH PAINESVILLE	SR	IA	D	B	2.00	78			1	6.50						
TX EL PASO	SR	DA	D	J	2.00	78			15	23.2						
TX HOUSTON	SR	DA	D	J	2.00	77					10	0.12				
TX HOUSTON	UR	IA	A	B	2.00	76					2	6.25				
UT MAGNA	SR	DA	D	J	2.00	77							10	0.07		
VA WAYNESBORO	SR	IA	D	B	2.00	78	1	4.30								
VA WAYNESBORO	SR	IA	D	B	2.00	78	1	9.35								
VA WAYNESBORO	SR	IA	D	B	2.00	78	1	2.23								
VA WAYNESBORO	SR	IA	D	B	2.00	78	1	2.80								
VA WAYNESBORO	SR	IA	D	B	2.00	78	1	23.0								
WV S CHAPLESTON	SR	DA	D	J	4.00	77	0	ZERO								
WV WASHINGTON	SR	IA	D	B	2.00	78			1	43.7						
WV WASHINGTON	SR	IA	D	B	2.00	78			1	19.0						

Figure B-1. Air Quality Sites for (105) 1,3 Butadiene

SASD OAQPS 28 Mar 1984

Figure B-2. Air Quality Sites for (129) Carbon Disulfide

SASD OAQPS 28 Mar 1984

Figure B-3. Air Quality Sites for (128) Carbonyl Sulfide

SASD OAQPS 28 Mar 1984

Figure B-4. Air Quality Sites for (113) Ethyl Chloride

SASD OAQPS 04 Apr 1984

Figure B-5. Air Quality Sites for (009) 1,2 Dibromomethane

SASD OAQPS 28 Mar 1984

Figure B-6. Air Quality Sites for (017) c-1,2 Dichloroethylene

SASD OAQPS 28 Mar 1984

Figure B-7. Air Quality Sites for (317) Ethylbenzene

SASD OAQPS 28 Mar 1984

Figure B-8. Air Quality Sites for (303) Ethylene

SASD OAQPS 28 Mar 1984

Figure B-9. Air Quality Sites for (002) Methyl Chloride

SASD OAQPS 28 Mar 1984

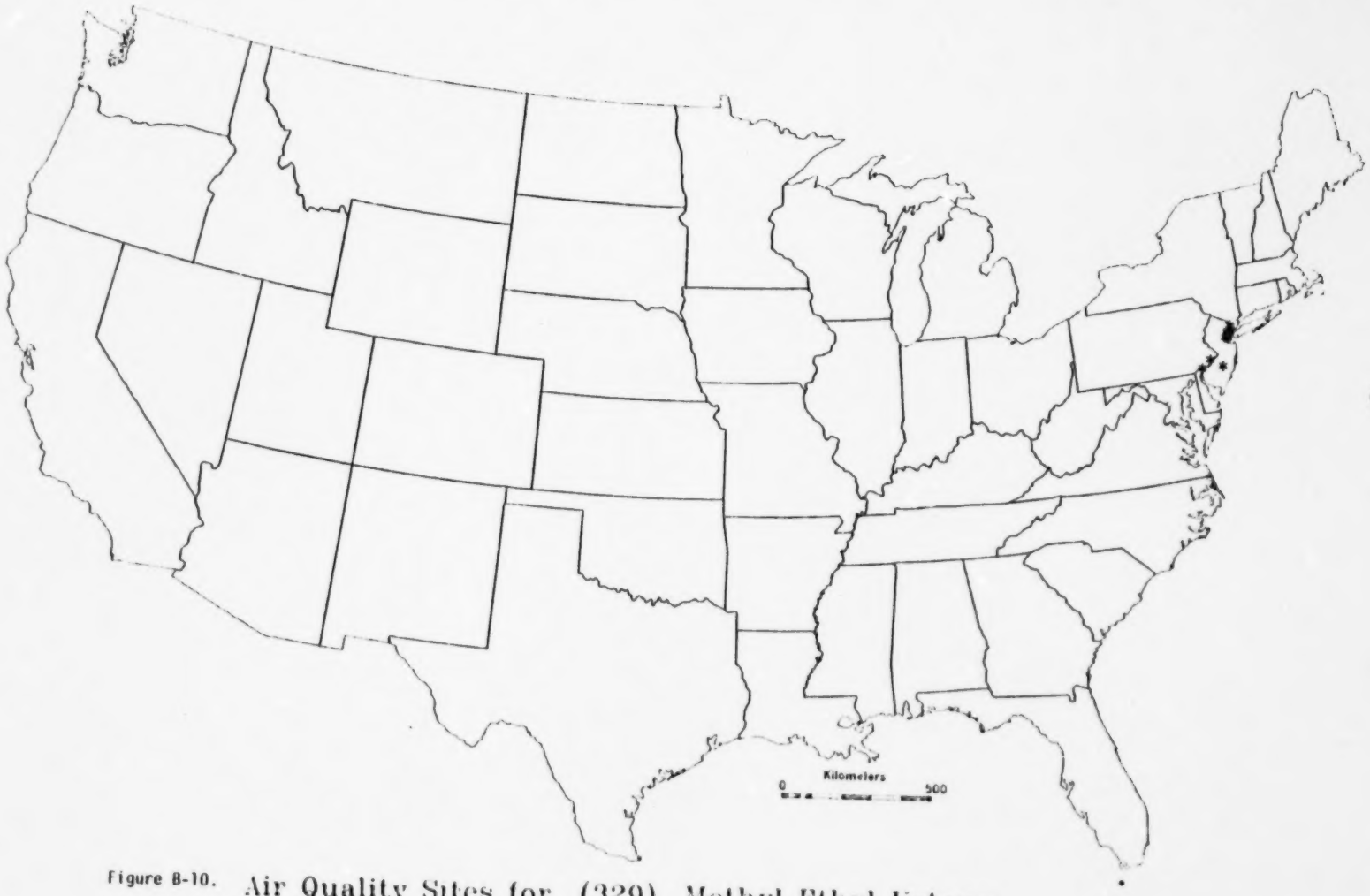

Figure B-10. Air Quality Sites for (329) Methyl Ethyl Ketone

SASD OAQPS 28 Mar 1984

Figure B-11. Air Quality Sites for (321) Naphthalene

SASD OAQPS 28 Mar 1984

Figure B-12. Air Quality Sites for (306) Propene

SASD OAQPS 28 Mar 1984

Figure B-13. Air Quality Sites for (104) Styrene

SASD OAQPS 28 Mar 1984

Table B-14

DATE - 042484

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - AMMONIA

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	ABILENE	450010001F 1	92	7	1	79	43	3.0000	*	3.0000	*	******		******	
TX	ALVIN	450060001F 1	92	7	1	79	28	3.0000	*	3.0000	*	******		******	
TX	AMARILLO	450070002F 1	92	7	1	79	22	3.0000	*	******		******		******	
TX	ARLINGTON	450170005F 1	92	7	1	80	27	7.0000	*	4.0000	*	4.0000		3.0000	
TX	AUSTIN	450220004F 2	92	7	1	79	50	3.0000	*	3.0000	*	3.0000	*	3.0000	*
TX	BAYTOWN	450320002F 1	92	7	1	79	46	3.0000	*	3.0000	*	******		******	
TX	BEAUMONT	450330001F 1	92	7	1	79	42	6.0000	*	4.0000	*	******		******	
TX	BIG SPRING	450440002F 1	92	7	1	79	45	4.0000	*	******		******		******	
TX	BROWNSVILLE	450650004F 1	92	7	1	79	35	4.0000	*	4.0000	*	******		******	
TX	BROWNWOOD	450660002F 1	92	7	1	79	48	3.0000	*	3.0000	*	******		******	
TX	CALHOUN CO	450720001F 1	92	7	1	79	39	3.0000	*	3.0000	*	******		******	
TX	CLUTE	450950003F 1	92	7	1	80	26	5.0000	*	4.0000		******		******	
TX	CORPUS CHRISTI	451150003F 1	92	7	1	80	24	5.0000	*	4.0000	*	3.0000		3.0000	*
TX	DALLAS	451310045F 1	92	7	1	79	45	4.0000	*	3.0000		3.0000	*	******	
TX	DEER PARK	451370002H 2	92	7	1	79	31	9.0000	*	8.0000		4.0000		******	
TX	DICKINSON	451480001G 1	92	7	1	80	27	4.0000	*	3.0000		******		******	
TX	EL PASO	451700002F 1	92	7	1	79	33	9.0000	*	6.0000	*	4.0000	*	4.0000	*
TX	EULESS	451744001F 1	92	7	1	79	42	3.0000	*	3.0000	*	******		******	
TX	FORT WORTH	451880001F 1	92	7	1	80	26	4.0000	*	4.0000	*	3.0000		3.0000	*
TX	GALVESTON	451980002G 1	92	7	1	79	53	6.0000		******		******		******	
TX	GARLAND	452000002F 1	92	7	1	80	26	6.0000	*	3.0000		******		******	
TX	GRAND PRAIRIE	452130002F 1	92	7	1	79	42	3.0000	*	3.0000	*	******		******	
TX	GREGG CO	452180001F 1	92	7	1	79	46	4.0000	*	3.0000	*	******		******	
TX	HARRIS CO	452330006F 1	92	7	1	80	27	7.0000	*	7.0000	*	6.0000	*	5.0000	*
TX	HOUSTON	452560009H 1	92	7	1	79	38	9.0000	*	8.0000	*	8.0000	*	8.0000	
TX	IRVING	452670002F 1	92	7	1	80	25	4.0000	*	3.0000	*	3.0000		******	
TX	LA MARQUE	453070001G 1	92	7	1	79	54	5.0000		4.0000	*	3.0000		******	
TX	LA PORTE	453130002F 1	92	7	1	79	46	3.0000	*	3.0000	*	******		******	
TX	LEAGUE CITY	453170001F 1	92	7	1	79	42	3.0000	*	******		******		******	
TX	LUBBOCK	453340001F 1	92	7	1	79	41	3.0000	*	3.0000	*	******		******	
TX	MIDLAND	453620001F 1	92	7	1	79	38	3.0000	*	3.0000	*	******		******	
TX	MOUNT PLEASANT	453770001F 1	92	7	1	79	41	3.0000	*	3.0000	*	******		******	
TX	ODESSA	453910001F 1	92	7	1	79	36	4.0000	*	4.0000	*	4.0000	*	3.0000	
TX	PASADENA	454060002F 1	92	7	1	79	27	5.0000	*	3.0000	*	3.0000	*	3.0000	*
TX	SAN ANTONIO	454570034F 1	92	7	1	80	28	4.0000	*	4.0000	*	3.0000	*	3.0000	
TX	SAN MARCOS	454640002F 1	92	7	1	79	46	3.0000	*	3.0000	*	******		******	
TX	SAN PATRICIO CO	454650001F 1	92	7	1	79	29	3.0000	*	******		******		******	
TX	SHERMAN	454790003F 1	92	7	1	79	31	3.0000	*	******		******		******	
TX	TARRANT CO	455070001F 1	92	7	1	79	42	3.0000	*	3.0000	*	******		******	
TX	TEXARKANA	455160003F 1	92	7	1	79	39	3.0000	*	3.0000	*	******		******	

* - AVG DID NOT SATISFY NAQB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

DATE - 042484

Table B-14

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - AMMONIA

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
TX	TEXAS CITY	455170013G 1	92	7	1	79	49	6.0000	5.0000 *	5.0000 *	4.0000 *
TX	TOM GREEN CO	455200001F 3	92	7	1	79	39	3.0000 *	3.0000 *	******	******
TX	TRAVIS CO	455210002F 3	92	7	1	79	47	3.0000 *	3.0000 *	******	******
TX	TYLER	455240002F 1	92	7	1	79	40	4.0000 *	3.0000 *	******	******
TX	WACO	455370007F 1	92	7	1	79	46	3.0000 *	3.0000 *	******	******
TX	WAXAHACHIE	455420003F 1	92	7	1	79	46	3.0000 *	3.0000 *	******	******
TX	WESLACO	455460001F 3	92	7	1	79	35	6.0000 *	3.0000 *	******	******
TX	WEST ORANGE	455480001F 1	92	7	1	79	20	3.0000 *	******	******	******

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-15

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CHROMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
AL	BIRMINGHAM	010380003A 1	98	7	1	81	28	.0093		******		******		******
AL	GADSDEN	011480003A 2	98	7	1	81	28	.0101		******		******		******
AL	HUNTSVILLE	011860003A 1	98	7	1	80	30	.0070		.0069		.0040		******
AL	MOBILE	012380002A 1	98	7	1	81	28	.0078		******		******		******
AK	ANCHORAGE	020040003A 1	98	7	1	80	24	.0085	*	******		******		******
AZ	DOUGLAS	030240004A 1	98	7	1	79	27	.0067		******		******		******
AZ	GRAND CANYON NAT PARK	030370001A 3	98	7	1	81	23	.0061	*	******		******		******
AZ	PHOENIX	030600002A 1	98	7	1	81	27	.0064		.0059		******		******
AZ	TUCSON	030860001A 1	98	7	1	80	27	.0055		.0052		******		******
CA	ANAHEIM	050230001A 1	98	7	1	81	30	.0083		.0076		******		******
CA	BAKERSFIELD	050520003A 1	98	7	1	81	23	.0092	*	******		******		******
CA	LOS ANGELES	054180103A 1	98	7	1	81	25	.0169		******		******		******
CA	ONTARIO	055380001A 1	98	7	1	79	21	.0161	*	.0161		******		******
CA	OXNARD	055560001A 1	98	7	1	81	26	.0068	*	******		******		******
CA	SACRAMENTO	056580001A 1	98	7	1	81	24	.0062		******		******		******
CA	SAN BERNARDINO	056680001A 1	98	7	1	79	20	.0344	*	******		******		******
CA	SAN DIEGO	056800004A 1	98	7	1	81	28	.0087		******		******		******
CA	SAN FRANCISCO	056860004A 1	98	7	1	81	23	.0091	*	******		******		******
CA	SAN JOSE	056980004A 1	98	7	1	81	30	.0126		.0121		******		******
CT	WATERBURY	071240123A 1	98	7	1	79	27	.0326		******		******		******
FL	DAVIE	100910002A 1	98	7	1	81	24	.0056		.0052		******		******
FL	JACKSONVILLE	101960049A 1	98	7	1	81	24	.0067		******		******		******
FL	ORLANDO	103280003A 1	98	7	1	81	30	.0071		******		******		******
FL	PALM BEACH CO	103420005A 1	98	7	1	81	30	.0058		******		******		******
FL	PENSACOLA	103540015A 1	98	7	1	81	30	.0056		******		******		******
FL	ST PETERSBURG	103980012A 1	98	7	1	80	28	.0052		.0052	*	.0040		******
FL	TAMPA	104360002A 1	98	7	1	81	24	.0066		.0061		******		******
GA	ATLANTA	110200001A 1	98	7	1	81	22	.0092	*	.0064		******		******
GA	COLUMBUS	111280001A 1	98	7	1	80	21	.0056	*	.0052		******		******
HI	HAWAII CO	120080001A 3	98	7	1	81	26	.0052		******		******		******
HI	HONOLULU	120120001A 1	98	7	1	79	29	.0127		.0089		******		******
IN	EVANSVILLE	151300006A 1	98	7	1	80	22	.0073	*	.0062		.0052		******
IN	GARY	151520001A 1	98	7	1	79	21	.0124	*	******		******		******
IN	HAMMOND	151780001A 1	98	7	1	80	21	.0252	*	.0238		.0096		******
IN	MONROE CO	152800001A 3	98	7	1	80	21	.0063	*	.0052	*	******		******
IN	SOUTH BEND	153880002A 1	98	7	1	81	25	.0089		.0062		******		******
IN	TERRE HAUTE	154080001A 1	98	7	1	80	22	.0118	*	.0091		******		******
IA	CEDAR RAPIDS	160640018A 2	98	7	1	81	29	.0089		.0065		******		******
IA	DAVENPORT	161060010A 1	98	7	1	81	30	.0199		.0115	*	.0085		******
IA	DES MOINES	161180001A 1	98	7	1	81	24	.0062		.0060		******		******

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

DATE - 041984

Table B-15

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CHROMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
IA	DUBUQUE	161260008A 1	98	7	1	80	20	.0061	*	.0052		******		******	
IA	WATERLOO	163760008A 1	98	7	1	81	30	.0068		******		******		******	
KS	KANSAS CITY	171800011A 1	98	7	1	81	27	.0213	*	.0191		.0173		.0124	
KS	TOPEKA	173560007A 1	98	7	1	80	24	.0134		.0119		******		******	
KY	COVINGTON	180800001A 1	98	7	1	81	23	.0096	*	.0090		******		******	
KY	LEXINGTON-FAYETTE	182300003A 1	98	7	1	81	28	.0062		.0056		******		******	
KY	LOUISVILLE	182380035A 1	98	7	1	81	28	.0078		******		******		******	
LA	BATON ROUGE	190280002A 1	98	7	1	81	27	.0072	*	.0063		******		******	
LA	IBERVILLE PAR	191280002A 1	98	7	1	80	29	.0052		******		******		******	
LA	NEW ORLEANS	192020002A 1	98	7	1	81	30	.0436		.0070		******		******	
LA	SHREVEPORT	192740001A 1	98	7	1	80	29	.0118		.0096		******		******	
ME	PORTLAND	200960012A 1	98	7	1	81	30	.0093		.0075		.0040		******	
MD	BALTIMORE	210120001A 1	98	7	1	79	26	.0935		******		******		******	
MD	LAUREL	211060003H 1	92	C	1	80	12	.0230		******		******		******	
MA	WORCESTER	222640004A 1	98	7	1	79	27	.0067		******		******		******	
MI	DETROIT	231180015A 1	98	7	1	81	23	.0155	*	.0152	*	******		******	
MI	FLINT	231580006A 1	98	7	1	81	29	.0096		******		******		******	
MI	LANSING	232840001A 1	98	7	1	81	25	.0071	*	******		******		******	
MN	DULUTH	241040017A 1	98	7	1	81	30	.0120		.0067		.0056	*	.0050	
MN	MINNEAPOLIS	242260050A 1	98	7	1	81	30	.0091		******		******		******	
MN	ST PAUL	243300017A 1	98	7	1	81	30	.0084		******		******		******	
MT	ANACONDA-DEER LODGE CO	270020007F 1	92	7	1	79	96	.0020	*	.0010	*	******		******	
MT	BILLINGS	270080006F 5	92	7	1	79	32	.0020	*	.0020	*	.0010		.0010	*
MT	BUTTE-SILVER BOW	270160020F 1	92	7	1	79	63	.0040	*	.0030	*	.0020	*	.0010	*
MT	DEER LODGE CO	270400004F 2	92	7	1	79	20	.0010	*	******		******		******	
MT	GREAT FALLS	270660016F 1	92	7	1	79	60	.0020		.0010	*	******		******	
MT	JEFFERSON CO	270760903F 2	92	7	1	79	40	.0010	*	******		******		******	
MT	LEWIS AND CLARK CO	270860002F 2	92	7	1	79	63	.0050		******		******		******	
MT	MISSOULA CO	271100019F 1	92	7	1	79	38	.0050	*	.0040	*	.0010		******	
NE	LINCOLN	281560012A 1	98	7	1	81	28	.0052		******		******		******	
NE	OMAHA	281880034A 1	98	7	1	79	29	.0077		.0057		.0056		.0050	
NV	LAS VEGAS	290320001A 1	98	7	1	80	31	.0077		.0059		******		******	
NV	RENO	290480001A 1	98	7	1	81	29	.0099		.0064		******		******	
NV	WHITE PINE CO	290560001A 3	98	7	1	81	21	.0052	*	.0052		******		******	
NJ	BAYONNE	310180001A 1	98	7	1	80	24	.0123		******		******		******	
NJ	CAMDEN	310720005A 1	98	7	1	81	30	.0603		******		******		******	
NJ	CAMDEN CO	310740006A 1	98	7	1	81	22	.0129	*	******		******		******	
NJ	ELIZABETH	311300002A 1	98	7	1	79	22	.0130	*	.0085	*	******		******	
NJ	GLASSBORO	311700001A 1	98	7	1	79	22	.0060	*	******		******		******	
NJ	JERSEY CITY	3123200Q1A 1	98	7	1	81	20	.0116	*	.0114		******		******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-15

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CHROMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
NJ	NEWARK	313480001A 1	98	7	1	81	21	.0163	*	.0129		.0091		******
NJ	PATERSON	314140005A 1	98	7	1	81	28	.0094		******		******		******
NJ	TRENTON	315400001A 1	98	7	1	80	21	.0086	*	******		******		******
NM	ALBUQUERQUE	320040001A 1	98	7	1	80	25	.0083		.0073	*	.0065		.0062
NY	BUFFALO	330660001A 1	98	7	1	80	29	.0090		.0084	*	******		******
NY	NIAGARA FALLS	334740001A 1	98	7	1	79	30	.0389		.0213	*	.0144		******
NY	ROCHESTER	335760001A 1	98	7	1	81	29	.0091		.0059		******		******
NY	SYRACUSE	336620001A 1	98	7	1	80	25	.0146		******		******		******
NY	UTICA	336880001A 1	98	7	1	80	20	.0071	*	.0067	*	******		******
NY	YONKERS	337620001A 1	98	7	1	80	27	.0079		.0070		******		******
NC	CHARLOTTE	340700001A 1	98	7	1	81	28	.0063		******		******		******
NC	DURHAM	341160001A 1	98	7	1	81	29	.0068		.0052		******		******
NC	MOREHEAD CITY	342720002A 1	98	7	1	80	28	.0052		.0052	*	******		******
OH	AKRON	360060014A 1	98	7	1	80	27	.0204		.0116		.0096		******
OH	CANTON	361000001A 1	98	7	1	79	27	.0382		.0337	*	.0295		******
OH	CINCINNATI	361220001A 1	98	7	1	79	28	.0451		.0178		.0150	*	.0115
OH	CLEVELAND	361300001A 1	98	7	1	80	27	.0144		.0100		.0099	*	******
OH	COLUMBUS	361460001A 1	98	7	1	80	25	.0141		.0106		.0088		******
OH	DAYTON	361660014A 1	98	7	1	80	28	.0116		.0104	*	******		******
OH	MANSFIELD	363840008A 1	98	7	1	80	28	.0164		******		******		******
OH	PORTSMOUTH	365620002A 1	98	7	1	81	29	.0087		.0066		******		******
OH	STEUBENVILLE	366420012A 1	98	7	1	79	28	.1212		.0241		******		******
OH	TOLEDO	366600006A 1	98	7	1	79	29	.0081		.0064	*	******		******
OH	YOUNGSTOWN	367760001A 1	98	7	1	79	26	.0270		.0209	*	.0158		******
OK	MIDWEST CITY	371940006A 1	98	7	1	81	30	.0062		******		******		******
OK	OKLAHOMA CITY	372200035A 1	98	7	1	80	30	.0086		******		******		******
OR	PORTLAND	381460015A 2	98	7	1	81	28	.0207		.0156		******		******
PR	GUAYANILLA CO	401100003A 1	98	7	1	80	27	.0071		.0071		.0057	*	.0057
PR	GUAYNABO CO	401140001A 1	98	7	1	80	27	.0065		.0065		******		******
PR	PONCE	401920002A 1	98	7	1	81	26	.0065		.0060		.0055		******
PR	SAN JUAN CO	402160003A 1	98	7	1	79	26	.0084		******		******		******
PR	TOA BAJA CO	402320003A 1	98	7	1	80	20	.0084	*	.0052		******		******
RI	EAST PROVIDENCE	410120008A 1	98	7	1	79	23	.0058	*	******		******		******
RI	PROVIDENCE	410300017A 1	98	7	1	81	27	.0066	*	******		******		******
SC	CHARLESTON CO	420560003A 2	98	7	1	80	27	.0237	*	.0217		******		******
SC	GREENVILLE	421180004A 1	98	7	1	81	29	.0091		******		******		******
SD	HOT SPRINGS	430780001A 3	98	7	1	81	28	.0066		******		******		******
TN	CHATTANOOGA	440380020A 1	98	7	1	80	31	.0150		.0141		.0123		.0112
TN	MEMPHIS	442340013A 1	98	7	1	81	29	.0107		.0075		******		******
TN	NASHVILLE-DAVIDSON	442540002A 1	98	7	1	81	27	.0065		******		******		******

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DATE - 041984

Table B-15

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CHROMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	ABILENE	450010002F 3	96	7	1	80	53	.0400		.0300		.0300		.0200	
TX	ALVIN	450060001F 1	96	7	1	79	36	.0200		.0200	*	.0200	*	******	
TX	AMARILLO	450070002F 1	96	7	1	80	23	.0200	*	.0200		******		******	
TX	ARLINGTON	450170004F 3	96	7	1	81	60	.0300		.0200		.0200		.0200	
TX	AUSTIN	450220004F 2	96	7	1	79	40	.0200	*	.0200		.0200		.0200	*
TX	BAYTOWN	450320003F 1	96	7	1	81	40	.0300	*	.0200	*	.0200		.0200	*
TX	BEAUMONT	450330008F 1	96	7	1	80	25	.0300	*	.0300		.0200	*	.0200	
TX	BIG SPRING	450440002F 1	96	7	1	79	46	.0200		.0200	*	.0200		******	
TX	BRIDGEPORT	450600001F 3	96	7	1	80	44	.0300	*	.0300		.0200		******	
TX	BROWNSVILLE	450650003F 1	96	7	1	80	29	.0300	*	.0300		.0300	*	.0200	
TX	BROWNWOOD	450660002F 1	96	7	1	79	55	.0200		.0200		.0200		******	
TX	CALHOUN CO	450720001F 1	96	7	1	80	20	.0200	*	******		******		******	
TX	CHAMBERS CO	450860001F 3	96	7	1	81	39	.0300	*	.0200		******		******	
TX	CLUTE	450950003F 1	96	7	1	81	51	.0300		.0200		******		******	
TX	COLLIN CO	451020001F 1	96	7	1	81	34	.0200	*	******		******		******	
TX	CORPUS CHRISTI	451150023F 1	96	7	1	81	33	.1200	*	.0700	*	.0700	*	.0400	*
TX	CORSICANA	451160001F 1	96	7	1	81	42	.0200	*	******		******		******	
TX	DALLAS	451310002F 1	96	7	1	81	21	.0300	*	.0200		.0200		.0200	
TX	DEER PARK	451370003F 1	96	7	1	81	30	.0200	*	.0040		.0020		******	
TX	DENISON	451400001F 1	96	7	1	81	42	.0200		******		******		******	
TX	DENTON	451410001F 1	96	7	1	81	25	.0200	*	******		******		******	
TX	ELLIS CO	451690001F 1	96	7	1	81	40	.0200	*	******		******		******	
TX	EL PASO	451700002F 1	96	7	1	81	50	.0300		.0200	*	.0200	*	.0200	*
TX	EL PASO CO	451710004F 1	96	7	1	79	39	.0200	*	.0200		.0200		.0200	
TX	EULESS	451744001F 1	96	7	1	79	46	.0200		.0200		******		******	
TX	FORT WORTH	451880002F 1	96	7	1	80	59	.0300		.0300		.0200		.0200	
TX	GARLAND	452000002F 1	96	7	1	79	49	.0200		.0200	*	.0200	*	******	
TX	GRAND PRAIRIE	452130002F 1	96	7	1	79	55	.0200		.0200		.0200		******	
TX	GREGG CO	452180001F 3	96	7	1	79	58	.0200		.0200		.0200		******	
TX	HARLINGEN	452320001F 1	96	7	1	79	40	.0200		.0200		.0200	*	******	
TX	HARRIS CO	452330004F 1	96	7	1	79	55	.0300		.0300	*	.0300		.0300	*
TX	HIDALGO CO	452460002F 1	96	7	1	79	28	.0200	*	.0200	*	******		******	
TX	HOUSTON	452560034F 1	96	7	1	79	31	.0300	*	.0300	*	.0200		.0200	*
TX	IRVING	452670001F 1	96	7	1	79	40	.0200		.0200	*	.0200		.0200	
TX	JEFF DAVIS CO	452740003F 3	96	7	1	79	32	.0200	*	.0200	*	******		******	
TX	JOHNSON CO	452790001F 1	96	7	1	81	42	.0200	*	******		******		******	
TX	LA PORTE	453130002F 1	96	7	1	79	53	.0200		.0200		******		******	
TX	LAREDO	453140013F 1	96	7	1	79	31	.0200		.0200	*	******		******	
TX	LEAGUE CITY	453170001F 1	96	7	1	79	50	.0200		.0200		******		******	
TX	LEWISVILLE	453210001F 1	96	7	1	79	57	.0200		.0200		.0200	*	******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-15

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CHROMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	LUBBOCK	453340001F 1	96	7	1	79	20	.0200	*	.0200		.0200		.0200	
TX	MC ALLEN	453390001F 1	96	7	1	79	49	.0200		.0200	*	******		******	
TX	MIDLAND	453620001F 1	96	7	1	79	40	.0200		.0200		.0200	*	******	
TX	MOUNT PLEASANT	453770001F 1	96	7	1	79	40	.0200		.0200		.0200		******	
TX	NEW BRAUNFELS	453850001F 1	96	7	1	81	39	.0200	*	.0200	*	******		******	
TX	ODESSA	453910001F 1	96	7	1	81	45	.0300		.0200		.0200		.0200	
TX	PASADENA	454060002F 1	96	7	1	81	51	.0300		.0200		.0200	*	.0020	
TX	PORT ARTHUR	454190009F 1	96	7	1	81	50	.0300		.0200		.0200	*	******	
TX	SAN ANTONIO	454570034F 1	96	7	1	80	27	.0300		.0300		.0200		.0200	
TX	SAN BENITO	454600001F 1	96	7	1	79	27	.0200	*	.0200	*	******		******	
TX	SAN MARCOS	454640002F 1	96	7	1	79	45	.0200		.0200	*	.0200		******	
TX	SAN PATRICIO CO	454650001F 1	96	7	1	79	27	.0200	*	.0200	*	******		******	
TX	SEABROOK	454715001F 1	96	7	1	79	32	.0200	*	.0200	*	.0200	*	******	
TX	SHERMAN	454790003F 1	96	7	1	79	25	.0200	*	.0200	*	******		******	
TX	TARRANT CO	455070001F 1	96	7	1	80	52	.0300		.0200		******		******	
TX	TEXARKANA	455160003F 1	96	7	1	81	53	.0300		.0200		.0200		******	
TX	TEXAS CITY	455170002F 1	96	7	1	79	37	.0200	*	.0200	*	.0200		.0200	*
TX	TOM GREEN CO	455200001F 3	96	7	1	79	22	.0200	*	.0200	*	.0200		******	
TX	TRAVIS CO	455210002F 3	96	7	1	79	31	.0200	*	.0200	*	******		******	
TX	TYLER	455240002F 1	96	7	1	79	58	.0300		.0300		.0200		******	
TX	VICTORIA	455340001F 1	96	7	1	79	21	.0200	*	.0200	*	******		******	
TX	WACO	455370007F 1	96	7	1	79	60	.0200		.0200		.0200		******	
TX	WAXAHACHIE	455420003F 1	96	7	1	79	50	.0200		.0200		******		******	
TX	WESLACO	455460001F 3	96	7	1	79	34	.0200		.0200	*	.0200	*	******	
TX	WICHITA FALLS	455560002F 1	96	7	1	80	28	.0300		.0200		.0200		******	
VT	ORANGE CO	470360001A 3	98	7	1	81	22	.0055	*	.0040		******		******	
VA	DANVILLE	480920009A 2	98	7	1	80	26	.0063	*	.0056		******		******	
VA	HAMPTON	481440006A 1	98	7	1	81	30	.0058		******		******		******	
VA	NORFOLK	482140001A 1	98	7	1	80	27	.0119		.0083		.0076		******	
VA	SHENANDOAH NAT PARK	482890001A 3	98	7	1	80	27	.0115		.0054		******		******	
WA	SEATTLE	491840057A 2	98	7	1	81	29	.0217		.0190		.0158		.0057	
WA	SPOKANE	492040001A 1	98	7	1	80	23	.0101	*	.0080		******		******	
WA	TACOMA	492140004A 2	98	7	1	79	22	.0120	*	.0108		.0104		******	
WI	DOOR CO	510780002A 3	98	7	1	81	29	.0082		.0057		******		******	
WI	EAU CLAIRE	510840002A 1	98	7	1	79	29	.0064		.0063	*	******		******	
WI	KENOSHA	511540003A 1	98	7	1	79	27	.0061		.0056		******		******	
WI	MADISON	511860024A 1	98	7	1	81	28	.0057		.0052		******		******	
WI	MILWAUKEE	512200064A 2	98	7	1	81	23	.0147	*	.0120		.0099		******	
WI	RACINE	512880002A 1	98	7	1	80	30	.0067		******		******		******	
WI	SUPERIOR	513480006A 1	98	7	1	80	23	.0128	*	******		******		******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-15

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - CHROMIUM

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND	3RD	4TH
WY	TETON CO	520720001A	3	98	7	1	81	25	.0059	*	******	******	******

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DATE - 041984

Table B-16

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - COPPER

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD	4TH	
AL	BIRMINGHAM	010380003A 1	90	7	1	82	22	.1128	*	.1102		******	******	
AL	GADSDEN	011480003A 2	90	7	1	81	30	.0537		.0354		******	******	
AL	HUNTSVILLE	011860003A 1	90	7	1	81	29	.0323		.0283		.0199	******	
AL	JEFFERSON CO	011980003A 2	90	7	1	82	29	.1036		******		******	******	
AL	MOBILE	012380002A 1	90	7	1	82	27	.0547		.0287		******	******	
AK	ANCHORAGE	020040003A 1	90	7	1	80	24	.9797	*	******		******	******	
AZ	AJO	030020001F 2	92	7	1	81	58	.4440		.4400		.4090	******	
AZ	APACHE CO	030040006F 2	92	7	1	79	45	.0950	*	.0880		.0620	.0620	*
AZ	BISBEE	030080001F 1	92	7	1	81	50	.2190		******		******	******	
AZ	CASA GRANDE	030100001F 1	92	7	1	79	51	.1610		.1260		.0820	******	
AZ	COCHISE CO	030180004F 2	92	7	1	80	49	1.0620		.9450		.7250	.1650	
AZ	COCONINO CO	030200004F 2	92	7	1	79	52	.1990		.0540		.0520	.0510	*
AZ	DOUGLAS	030240004F 1	92	7	1	81	21	.5590	*	.3624		******	******	
AZ	FLAGSTAFF	030280005F 1	92	7	1	81	51	.0900		.0700		******	******	
AZ	GILA CO	030300001F 2	92	7	1	81	47	5.3990		4.6510	*	4.0630	3.3580	
AZ	GLENDALE	030320001G 1	92	7	1	79	45	.4280		.0980		.0820	.0640	
AZ	GRAND CANYON NAT PARK	030370002F 3	92	7	1	81	27	.0430		.0304		.0303	******	
AZ	GREENLEE CO	030380001F 2	92	7	1	79	58	1.0970		1.0460		.9420	******	
AZ	HOLBROOK	030400006F 2	92	7	1	80	26	.1130	*	.0840		******	******	
AZ	KINGMAN	030420001F 1	92	7	1	80	33	.2430	*	.1320		.0730	******	
AZ	MESA	030460003G 1	92	7	1	79	52	1.9190		.4700	*	.4460	.2730	
AZ	MIAMI	030480001F 2	92	7	1	81	52	.9290		.8620		.7490	.7410	
AZ	MOHAVE CO	030500013F 1	92	7	1	81	49	.1100		.0840		.0370	.0120	
AZ	NAVAJO CO	030520007F 1	92	7	1	81	55	.1540		.1410		.0720	.0620	
AZ	NOGALES	030540003F 1	92	7	1	81	38	.0530	*	.0510	*	******	******	
AZ	PHOENIX	030600013G 1	92	7	1	79	48	1.0990		1.0460		.8240	.5600	
AZ	PIMA CO	030620017F 2	92	7	1	81	51	.2430		.1700		.1620	.0770	
AZ	PINAL CO	030640001F 1	92	7	1	81	47	.1620		.1090	*	.1060	******	
AZ	PRESCOTT	030660002F 1	92	7	1	81	45	.1010		.0870	*	.0530	******	
AZ	SAFFORD	030680001F 1	92	7	1	79	52	.1560		.1260		.0990	******	
AZ	SAN MANUEL	030700001F 2	92	7	1	81	52	.3110		.3070		.1870	******	
AZ	SCOTTSDALE	030740004G 1	92	7	1	82	20	.4670	*	.3070		.2740	.2090	
AZ	SIERRA VISTA	030760001F 1	92	7	1	81	51	.1260		.1050		.0990	******	
AZ	SUPERIOR	030800003F 1	92	7	1	81	44	.1500		.1450		.0930	******	
AZ	TUCSON	030860001A 1	90	7	1	80	27	.3627		.3537		.2151	.0931	
AZ	YAVAPAI CO	030940002F 3	92	7	1	81	49	.1370		.1000	*	.0690	.0470	
AZ	YUMA	030960002F 1	92	7	1	81	56	.0900		.0670		.0620	******	
AZ	YUMA CO	030980001F 1	92	7	1	81	47	.2860		.1300		******	******	
AR	LITTLE ROCK	041440001A 1	90	7	1	82	23	.1310	*	******		******	******	
AR	MONTGOMERY CO	041760001A 3	90	7	1	82	22	.2815	*	******		******	******	

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DATE - 041984

Table B-16

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - COPPER

ST	CITY NAME	SITE CODE	MTD	INT	UNIT	YR	OBS	1ST		2ND		3RD		4TH
CA	ANAHEIM	050230001A 1	90	7	1	82	31	.2192		.1534		.0852		.0548
CA	BAKERSFIELD	050520003A 1	90	7	1	81	23	.1155	*	.1049		******		******
CA	BERKELEY	050740001A 1	90	7	1	79	20	.0505	*	******		******		******
CA	FRESNO	052000002A 1	90	7	1	79	20	.1142	*	******		******		******
CA	LOS ANGELES	054180103A 1	90	7	1	81	25	.3798		.2989		******		******
CA	ONTARIO	055380001A 1	90	7	1	81	29	.0894		.0664		******		******
CA	OXNARD	055560001A 1	90	7	1	82	29	.0519		.0057		******		******
CA	SACRAMENTO	056580001A 1	90	7	1	79	21	.1848	*	.1093		.0793		******
CA	SAN BERNARDINO	056680001A 1	90	7	1	79	20	.0935	*	******		******		******
CA	SAN DIEGO	056800004A 1	90	7	1	82	27	.2724		.1805		.1522		******
CA	SAN FRANCISCO	056860004A 1	90	7	1	81	23	.0514	*	.0472		******		******
CA	SAN JOSE	056980004A 1	90	7	1	80	21	.0688	*	.0625		.0456		.0440
CA	SANTA ANA	057180001A 1	90	7	1	79	20	.0912	*	******		******		******
CO	DENVER	060580001A 1	90	7	1	82	27	.0843		******		******		******
CO	LA PLATA CO	061300003K 3	92	7	1	79	25	.0310	*	.0080		******		******
CO	MESA VERDE NAT PARK	061530003A 3	90	7	1	82	30	.0162		******		******		******
CO	MONTEZUMA CO	061600004K 3	92	7	1	79	56	.0280	*	******		******		******
CT	BRIDGEPORT	070060001A 1	90	7	1	79	27	.1468		******		******		******
CT	NEW HAVEN	070700123A 1	90	7	1	79	27	.0679		******		******		******
CT	WATERBURY	071240123A 1	90	7	1	79	27	.1101		******		******		******
DE	WILMINGTON	080260005A 1	90	7	1	82	23	.1017	*	******		******		******
DC	WASHINGTON	090020017A 1	90	7	1	82	24	.0835	*	******		******		******
FL	DAVIE	100910002A 1	90	7	1	79	29	.4425		.1991		.0442		.0315
FL	HIALEAH	101760001A 1	90	7	1	82	21	.0872		******		******		******
FL	JACKSONVILLE	101960049A 1	90	7	1	79	26	.5726		.1835		.0811		******
FL	ORLANDO	103280003A 1	90	7	1	81	30	.1055		.0702	*	******		******
FL	PALM BEACH CO	103420005A 1	90	7	1	82	28	.1498		.1176		******		******
FL	PENSACOLA	103540015A 1	90	7	1	81	30	.0898		.0852		******		******
FL	ST PETERSBURG	103980012A 1	90	7	1	80	29	.1159		.1048	*	.0835	*	******
FL	TAMPA	104360002A 1	90	7	1	79	22	.0837	*	.0742		.0717		.0569
GA	ATLANTA	110200001A 1	90	7	1	80	28	.1398		.0693		.0602		******
GA	COLUMBUS	111280001A 1	90	7	1	80	24	.1592	*	.0831		.0525		******
HI	HAWAII CO	120080001A 3	90	7	1	81	26	.1141		.0944	*	******		******
HI	HONOLULU	120120001A 1	90	7	1	79	29	.1929		.1282		.0233		******
IL	ELMHURST	142300001A 1	90	7	1	81	25	.0785	*	******		******		******
IL	GRANITE CITY	142960016A 1	90	7	1	81	22	.0692	*	******		******		******
IL	JOLIET	143760002A 1	90	7	1	81	20	.0971	*	******		******		******
IL	PEORIA	146080001A 1	90	7	1	81	22	.2857	*	******		******		******
IL	ROCKFORD	146680010A 1	90	7	1	81	27	.1253		******		******		******
IN	EVANSVILLE	151300006A 1	90	7	1	81	30	.0613		.0536	*	.0309		******

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Table B-16

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - COPPER

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
IN	FORT WAYNE	151380003A 1	90	7	1	82	31	.1427	******	******	******
IN	GARY	151520016A 1	90	7	1	82	29	.1345	.0656	******	******
IN	HAMMOND	151780001A 1	90	7	1	81	25	.2449	.1442 *	.1426	******
IN	INDIANAPOLIS	152040021A 1	90	7	1	82	21	.1104 *	.0588	******	******
IN	MONROE CO	152800002A 3	90	7	1	81	20	.5010 *	.2317	.1238 *	.0685
IN	SOUTH BEND	153880002A 1	90	7	1	79	21	.1576 *	.1364	.0613	.0543
IN	TERRE HAUTE	154080001A 1	90	7	1	81	28	.1559	.1128 *	.0315	******
IA	CEDAR RAPIDS	160640018A 2	90	7	1	80	27	.0441 *	.0421	.0264	******
IA	DAVENPORT	161060010A 1	90	7	1	81	30	.1687	.1151 *	.0977	.0833
IA	DES MOINES	161180001A 1	90	7	1	82	30	.5408	.1315	.0954	.0876
IA	DUBUQUE	161260008A 1	90	7	1	81	30	.0871	.0229	******	******
IA	WATERLOO	163760008A 1	90	7	1	81	30	.0447	******	******	******
KS	KANSAS CITY	171800015A 1	90	7	1	81	29	.3122	.1854 *	.1581	.0961
KS	TOPEKA	173560007A 1	90	7	1	80	24	.1552	.0892	******	******
KY	COVINGTON	180800001A 1	90	7	1	79	30	.2040	.1010 *	.0599	.0535
KY	LEXINGTON-FAYETTE	182300003A 1	90	7	1	79	29	.1683	.1155	.0663	.0544
KY	LOUISVILLE	182380035A 1	90	7	1	81	28	.1043	******	******	******
LA	BATON ROUGE	190280002A 1	90	7	1	80	24	.1197 *	.0729	.0681	******
LA	IBERVILLE PAR	191280002A 1	90	7	1	80	29	.0682	******	******	******
LA	NEW ORLEANS	192020002A 1	90	7	1	80	28	.1161	.0935	.0713	******
LA	SHREVEPORT	192740001A 1	90	7	1	80	29	.1178	.0804	.0787	******
ME	PORTLAND	200960012A 1	90	7	1	81	30	.1911	.1040	.0660	******
MD	BALTIMORE	210120001A 1	90	7	1	79	26	.2465	******	******	******
MD	CALVERT CO	210280001A 3	90	7	1	79	25	.2757	******	******	******
MD	DUNDALK	210620001A 1	90	7	1	82	22	.1347 *	******	******	******
MA	BOSTON	220240012A 1	90	7	1	79	20	.0446 *	******	******	******
MA	CAMBRIDGE	220360001A 1	90	7	1	79	21	.0301 *	******	******	******
MA	FALL RIVER	220580001A 1	90	7	1	80	23	.0359 *	******	******	******
MA	NEW BEDFORD	221500002A 1	90	7	1	80	28	.0242	.0239	******	******
MA	SPRINGFIELD	222160002A 1	90	7	1	79	23	.0361 *	******	******	******
MA	WORCESTER	222640004A 1	90	7	1	79	27	.0274	.0269	******	******
MI	DETROIT	231180020A 1	90	7	1	81	22	.0875 *	.0790	******	******
MI	FLINT	231580006A 1	90	7	1	82	29	.1133	.0654	******	******
MI	LANSING	232840001A 1	90	7	1	81	25	.1241 *	.0970	******	******
MN	DULUTH	241040017A 1	90	7	1	79	21	.0863 *	.0508	.0484	******
MN	MINNEAPOLIS	242260050A 1	90	7	1	81	30	.0424	******	******	******
MN	ST PAUL	243300017A 1	90	7	1	81	30	.0729	******	******	******
MT	ANACONDA-DEER LODGE CO	270020007F 1	92	7	1	80	27	.4250 *	.4020	******	******
MT	BILLINGS	270080059F 1	92	7	1	79	116	.1270	.1050 *	.0270	.0240
MT	BUTTE-SILVER BOW	270160005F 1	92	7	1	79	52	.3720	.2550	.2350 *	.2100 *

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - COPPER

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
MT	DEER LODGE CO	270400004F 2	92	7	1	79	29	.6910 *	******	******	******
MT	GREAT FALLS *	270660016F 1	92	7	1	79	96	.0480	.0450 *	******	******
MT	JEFFERSON CO	270760903F 2	92	7	1	79	48	.1540 *	******	******	******
MT	LEWIS AND CLARK CO	270860719F 2	90	7	1	83	25	4.5864 *	3.6580	3.0390 *	2.9970 *
MT	MISSOULA CO	271100001G 1	92	7	1	79	98	.2860	.1580	******	******
NE	LINCOLN	281560012A 1	90	7	1	81	28	.2091	******	******	******
NE	OMAHA	281880034A 1	90	7	1	82	26	.1028	.0838	.0712	.0573
NV	LAS VEGAS	290320001A 1	90	7	1	81	30	.1987	.1397	.0813	******
NV	RENO	290480001A 1	90	7	1	80	29	.1097	.1089	.0826	.0780
NV	WHITE PINE CO	290560001A 3	90	7	1	81	21	.1218 *	.1034	.1002	.0952
NJ	BAYONNE	310180001A 1	90	7	1	80	24	.0823	******	******	******
NJ	CAMDEN	310720005A 1	90	7	1	80	20	.1113 *	.0550	******	******
NJ	CAMDEN CO	310740006A 1	90	7	1	81	22	.0834 *	******	******	******
NJ	ELIZABETH	311300002A 1	90	7	1	80	23	.2995 *	.2580	******	******
NJ	GLASSBORO	311700001A 1	90	7	1	79	22	.2783 *	******	******	******
NJ	JERSEY CITY	312320001A 1	90	7	1	81	20	.1924 *	.1232	******	******
NJ	NEWARK	313480001A 1	90	7	1	81	21	.1299 *	.0882	.0778	******
NJ	PATERSON	314140005A 1	90	7	1	81	28	.0483	******	******	******
NJ	TRENTON	315400001A 1	90	7	1	80	21	.0710 *	******	******	******
NM	ALBUQUERQUE	320040001A 1	90	7	1	81	23	.5475	.3322	.0635	.0325 *
NM	RIO ARRIBA CO	320920003K 3	92	7	1	79	62	.0340 *	******	******	******
NM	SAN JUAN CO	321000007K 3	92	7	1	79	65	.0310 *	.0050 *	******	******
NY	BUFFALO	330660010A 1	90	7	1	82	23	.0904 *	.0430 *	.0385	******
NY	ENDICOTT	331980004A 1	90	7	1	82	30	.1208	******	******	******
NY	NEW YORK CITY	334680079A 1	90	7	1	82	24	.0725	******	******	******
NY	NIAGARA FALLS	334740001A 1	90	7	1	81	22	.1290 *	.0790	.0708	.0632
NY	ROCHESTER	335760001A 1	90	7	1	81	29	.0772	.0641	.0484 *	******
NY	SYRACUSE	336620013A 1	90	7	1	82	28	.0766	.0750	.0539	******
NY	UTICA	336880001A 1	90	7	1	82	24	.1822 *	.0840 *	.0817	.0749
NY	YONKERS	337620001A 1	90	7	1	79	21	.1090 *	.1053	******	******
NC	CHARLOTTE	340700001A 1	90	7	1	82	28	.1409	.1320	.0799	******
NC	DURHAM	341160001A 1	90	7	1	82	31	.1116	.0894	.0873	.0780
NC	GREENSBORO	341740009A 1	90	7	1	82	26	.1570 *	******	******	******
NC	MOREHEAD CITY	342720002A 1	90	7	1	79	26	.1182 *	.1082 *	.1077	.0750
NC	RALEIGH	343240003A 1	90	7	1	82	27	.1353	******	******	******
NC	WINSTON-SALEM	344460002A 1	90	7	1	79	25	.1086	******	******	******
OH	AKRON	360060014A 1	90	7	1	79	25	.2686	.1693	.1386	.1261
OH	CANTON	361000001A 1	90	7	1	80	20	.3714 *	.2202	.0764	.0697 *
OH	CINCINNATI	361220001A 1	90	7	1	79	28	.6951	.4247	.2679	.1372
OH	CLEVELAND	361300001A 1	90	7	1	79	25	.2488 *	.2363	.0763 *	.0697 *

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - COPPER

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
OH	COLUMBUS	361460001A 1	90	7	1	82	31	.6508	.3086	.2953	.2015
OH	DAYTON	361660014A 1	90	7	1	80	28	.1434	.1262 *	.0854	******
OH	MANSFIELD	363840008A 1	90	7	1	80	28	.1343	.1088	******	******
OH	PORTSMOUTH	365620002A 1	90	7	1	79	28	.4513	.2289	.1354	******
OH	STEUBENVILLE	366420012A 1	90	7	1	79	28	.2060	.1629	******	******
OH	TOLEDO	366600006A 1	90	7	1	79	29	.1388	.0662 *	.0327	******
OH	YOUNGSTOWN	367760001A 1	90	7	1	79	26	.5338	.3918 *	.1196	.1098
OK	MIDWEST CITY	371940006A 1	90	7	1	82	26	.1423	.0644	******	******
OK	OKLAHOMA CITY	372200035A 1	90	7	1	80	30	.0845	******	******	******
OR	PORTLAND	381460015A 2	90	7	1	80	28	.1476	.1027	.0763	.0603
PA	ALLENTOWN	390120003A 1	90	7	1	82	24	.0352 *	******	******	******
PA	BETHLEHEM	390780725A 2	90	7	1	82	21	.0610 *	******	******	******
PA	PHILADELPHIA	397140031A 1	90	7	1	82	27	.1624 *	.1467	******	******
PA	READING	397620015A 1	90	7	1	82	22	.0694 *	******	******	******
PA	SCRANTON	398040208A 1	90	7	1	82	20	.0501 *	******	******	******
PA	SNOYERSVILLE	398880206A 1	90	7	1	82	22	.0242	******	******	******
PR	GUAYANILLA CO	401100003A 1	90	7	1	79	22	.1403 *	.1403 *	.1160 *	.1106
PR	GUAYNABO CO	401140001A 1	90	7	1	80	27	.8108	******	******	******
PR	LEVITTOWN	401530001A 1	90	7	1	82	30	.1811	******	******	******
PR	PONCE	401920002A 1	90	7	1	81	26	.2410	.2374	.1733	.1682
PR	SAN JUAN CO	402160003A 1	90	7	1	79	26	.5430	******	******	******
PR	TOA BAJA CO	402320003A 1	90	7	1	80	20	.2596 *	.2417	******	******
RI	EAST PROVIDENCE	410120008A 1	90	7	1	79	23	.2171 *	.1987	******	******
RI	KENT CO	410140002A 5	90	7	1	79	23	.4776 *	******	******	******
RI	PROVIDENCE	410300017A 1	90	7	1	81	27	.0894 *	******	******	******
SC	CHARLESTON CO	420560003A 2	90	7	1	81	28	.0786	.0776	.0703	.0512
SC	COLUMBIA	420760006A 1	90	7	1	82	29	.0861	******	******	******
SC	GREENVILLE	421180004A 1	90	7	1	81	29	.1733	.1518	.0999	******
SD	CUSTER CO	430420001A 3	90	7	1	82	30	.1291	******	******	******
SD	HOT SPRINGS	430780001A 3	90	7	1	81	29	.1170	******	******	******
TN	CHATTANOOGA	440380006A 2	90	7	1	82	28	.1460	.1086	.0791	.0776
TN	KINGSPORT	441700001F 1	92	7	1	81	31	.5880 *	******	******	******
TN	MEMPHIS	442340013A 1	90	7	1	80	26	.1334 *	.1299	******	******
TN	NASHVILLE-DAVIDSON	442540002A 1	90	7	1	81	27	.1403	.0752	******	******
TX	ABILENE	450010002F 3	96	7	1	81	61	.1800	.1600	.1300	.1000
TX	ALVIN	450060001F 1	96	7	1	79	36	.1500	.1000 *	.0900 *	******
TX	AMARILLO	450070002F 1	96	7	1	80	23	1.1700 *	.9000	******	******
TX	ARLINGTON	450170005F 1	96	7	1	79	51	.1200	.0900	.0400	.0400
TX	AUSTIN	450220004F 2	96	7	1	80	50	.7800	.3800	.3500 *	.3100
TX	BAYTOWN	450320002F 1	96	7	1	79	46	.3400 *	.2500	.2300	.2100 *

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ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
TX	BEAUMONT	450330007F 1	96	7	1	79	20	.1800	*	.1700	*	.1300	*	.1300
TX	BIG SPRING	450440002F 1	96	7	1	79	46	.3400		.2000		.1400		******
TX	BRIDGEPORT	450600001F 3	96	7	1	81	55	.0500		.0400	*	.0300		******
TX	BROWNSVILLE	450650004F 1	96	7	1	81	38	.2900	*	.2500	*	.2100		.1500
TX	BROWNWOOD	450660002F 1	96	7	1	79	55	.1600		.1500		.0900		******
TX	CALHOUN CO	450720001F 1	96	7	1	80	20	.1800	*	******		******		******
TX	CHAMBERS CO	450860001F 3	96	7	1	81	39	.1100	*	.1000		******		******
TX	CLUTE	450950003F 1	96	7	1	81	51	.0800		.0600		******		******
TX	COLLIN CO	451020001F 1	96	7	1	81	34	.0300	*	******		******		******
TX	CORPUS CHRISTI	451150022F 1	96	7	1	79	51	.4500		.3700	*	.1400		.1200
TX	CORSICANA	451160001F 1	96	7	1	81	42	.0400	*	******		******		******
TX	DALLAS	451310045F 1	96	7	1	80	41	.1400		.1400		.1300		.1100
TX	DEER PARK	451370002H 2	92	7	1	79	52	.1170		.1150		.0800	*	******
TX	DENISON	451400001F 1	96	7	1	81	42	.0900		******		******		******
TX	DENTON	451410001F 1	96	7	1	81	25	.1500	*	******		******		******
TX	ELLIS CO	451690001F 1	96	7	1	81	40	.0200	*	******		******		******
TX	EL PASO	451700027F 1	96	7	1	79	25	.4500	*	.4200	*	.4100		.3400
TX	EL PASO CO	451710005F 1	96	7	1	79	51	.2800		.2300		.2300		.1500
TX	EULESS	451744001F 1	96	7	1	79	46	.0500		.0300		******		******
TX	FORT WORTH	451880001F 1	96	7	1	79	22	.1200	*	.1200		.1200	*	.1000
TX	GARLAND	452000002F 1	96	7	1	79	49	.0700		.0700	*	.0400	*	******
TX	GRAND PRAIRIE	452130002F 1	96	7	1	79	55	.1900		.1600		.1400		******
TX	GREGG CO	452180001F 3	96	7	1	80	57	.1000		.1000		.0500		******
TX	HARLINGEN	452320001F 1	96	7	1	79	40	.1400		.1000		.1000	*	******
TX	HARRIS CO	452330024F 1	96	7	1	80	22	.3200	*	.2600		.2390	*	.2300
TX	HIDALGO CO	452460002F 1	96	7	1	80	30	.1000	*	.0700		******		******
TX	HOUSTON	452560043H 1	92	7	1	79	49	.4930		.2670		.2600		.2070
TX	IRVING	452670001F 1	96	7	1	80	28	.1600	*	.1300		.1200		.1100
TX	JEFF DAVIS CO	452740003F 3	96	7	1	79	32	.0500	*	.0300	*	******		******
TX	JOHNSON CO	452790001F 1	96	7	1	81	42	.1300	*	******		******		******
TX	LA PORTE	453130002F 1	96	7	1	80	56	.2300		.2000		******		******
TX	LAREDO	453140013F 1	96	7	1	79	31	.0500		.0300	*	******		******
TX	LEAGUE CITY	453170001F 1	96	7	1	79	50	.1400		.0900		******		******
TX	LEWISVILLE	453210001F 1	96	7	1	79	57	.0800		.0800		.0600	*	******
TX	LUBBOCK	453340001F 1	96	7	1	81	54	.2300		.1400		.0700		.0300
TX	MC ALLEN	453390001F 1	96	7	1	80	35	.1600	*	.1400		******		******
TX	MIDLAND	453620001F 1	96	7	1	79	40	.3900		.1800		.1000	*	******
TX	MOUNT PLEASANT	453770001F 1	96	7	1	81	53	.5100		.3700		.3400		******
TX	NEW BRAUNFELS	453850002F 1	96	7	1	81	40	.0400	*	.0200		******		******
TX	ODESSA	453910001F 1	96	7	1	79	35	.1900	*	.1800		.1300		.1200

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ST	CITY NAME	SITE CODE	MTD	INT	UNIT	YR	OBS	1ST		2ND		3RD		4TH	
TX	PASADENA	454060006F 1	96	7	1	80	31	.2600	*	.1900		.0800		.0450	
TX	PORT ARTHUR	454190009F 1	96	7	1	81	50	.2200		.1400		.0300	*	******	
TX	SAN ANTONIO	454570036F 1	96	7	1	79	58	.1800		.1600		.1200		.1200	
TX	SAN BENITO	454600001F 1	96	7	1	79	27	.2900	*	.1800	*	******		******	
TX	SAN MARCOS	454640002F 1	96	7	1	80	29	.2200	*	.1800		.1000		******	
TX	SAN PATRICIO CO	454650001F 1	96	7	1	79	27	.2000	*	.0800	*	******		******	
TX	SEABROOK	454715001F 1	96	7	1	79	32	.1900	*	.1100	*	.0500	*	******	
TX	SHERMAN	454790003F 1	96	7	1	79	25	.2300	*	.1100	*	******		******	
TX	TARRANT CO	455070001F 1	96	7	1	80	52	.0700		.0400		******		******	
TX	TEXARKANA	455160003F 1	96	7	1	79	53	.0900		.0800		.0800		******	
TX	TEXAS CITY	455170053F 1	96	7	1	80	44	.1600		.1300		.0900		.0900	
TX	TOM GREEN CO	455200001F 3	96	7	1	79	22	.8600	*	.3800		.1800		******	
TX	TRAVIS CO	455210002F 3	96	7	1	79	31	.2600	*	.1500	*	******		******	
TX	TYLER	455240002F 1	96	7	1	79	58	.5000		.1800		.1500		******	
TX	VICTORIA	455340001F 1	96	7	1	80	22	.0900	*	.0700		******		******	
TX	WACO	455370007F 1	96	7	1	81	59	.7400		.5400		.3600		******	
TX	WAXAHACHIE	455420003F 1	96	7	1	80	56	.0500		.0300		******		******	
TX	WESLACO	455460001F 3	96	7	1	81	32	.1800	*	.1400		.0500		******	
TX	WICHITA FALLS	455560002F 1	96	7	1	80	28	.0800		.0500		.0400		******	
UT	EMERY CO	460280003K 3	92	7	1	79	38	.0090	*	.0010		******		******	
UT	GARFIELD CO	460300002K 3	92	7	1	79	65	.0650	*	.0050	*	******		******	
UT	KANE CO	460400003K 3	92	7	1	79	73	.0050	*	******		******		******	
UT	SAN JUAN CO	460960001K 3	92	7	1	79	64	.0550	*	.0340	*	.0230	*	******	
UT	WASHINGTON CO	461280001K 3	92	7	1	79	67	.1350	*	.0280	*	******		******	
VT	ORANGE CO	470360001A 3	90	7	1	81	22	.0794	*	.0320		******		******	
VA	DANVILLE	480920009A 2	90	7	1	79	27	.1325		.0621	*	******		******	
VA	HAMPTON	481440006A 1	90	7	1	81	30	.1194		.0925		******		******	
VA	NORFOLK	482140001A 1	90	7	1	79	29	.0788		.0513		.0489		.0488	
VA	RICHMOND	482660020A 1	90	7	1	82	25	.0359	*	******		******		******	
VA	SALEM	482800001A 1	90	7	1	82	31	.3067		******		******		******	
VA	SHENANDOAH NAT PARK	482890001A 3	90	7	1	79	29	.0106		.0069		.0042		******	
WA	SEATTLE	491840057A 2	90	7	1	79	20	.1020	*	.0791		.0775		.0647	
WA	SPOKANE	492040001A 1	90	7	1	79	25	.1737	*	.0479		.0456		******	
WA	TACOMA	492140004A 2	90	7	1	82	31	.2349		.1651		.1020		.0823	
WV	CHARLESTON	500280005A 1	90	7	1	82	22	.1081	*	******		******		******	
WI	DOOR CO	510780002A 3	90	7	1	80	26	.3263		.2580		.1915		******	
WI	EAU CLAIRE	510840002A 1	90	7	1	80	24	.1917	*	.1111		******		******	
WI	KENOSHA	511540003A 1	90	7	1	80	28	.1019		.0867		******		******	
WI	MADISON	511860024A 1	90	7	1	80	31	.1092		.1077		.1025		.0787	
WI	MILWAUKEE	512200064A 2	90	7	1	81	23	.1005	*	.0801		.0656		.0553	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-16

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - COPPER

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD	4TH
WI	RACINE	512880002A	1	90	7	1	80	30	.0801		.0626	******	******
WI	SUPERIOR	513480006A	1	90	7	1	80	23	.1815	*	.1236	******	******
WY	TETON CO	520720001A	3	90	7	1	81	25	.1705	*	.1301	* ******	******
VI	CHARLOTTE AMALIE	550010006A	2	90	7	1	79	20	.1520	*	.1519	******	******

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-17

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
AL	BIRMINGHAM	010380003A 1	90	7	1	82	22	.2922	*	.1885		******		******
AL	GADSDEN	011480003A 2	90	7	1	81	30	.1009		.0942		******		******
AL	HUNTSVILLE	011860003A 1	90	7	1	80	29	.0621		.0494		.0395		******
AL	JEFFERSON CO	011980003A 2	90	7	1	82	29	.5376		******		******		******
AL	MOBILE	012380002A 1	90	7	1	81	29	.0798		.0498		******		******
AK	ANCHORAGE	020040003A 1	90	7	1	80	24	.0066	*	******		******		******
AZ	AJO	030020001F 2	92	7	1	79	42	.2076		.1794		.1103		******
AZ	APACHE CO	030040006F 2	92	7	1	80	34	.2259	*	.1908		.1451	*	.1196
AZ	BISBEE	030080001F 1	92	7	1	81	50	.0732		******		******		******
AZ	CASA GRANDE	030100001F 1	92	7	1	80	57	.1693		.1625		.0862		******
AZ	COCHISE CO	030180010F 2	92	7	1	80	49	.1878		.1823		.1629		.1622
AZ	COCONINO CO	030200004F 2	92	7	1	80	55	.1293		.1244		.1089		.0936
AZ	DOUGLAS	030240004F 1	92	7	1	81	21	.1433	*	.0066		******		******
AZ	FLAGSTAFF	030280005F 1	92	7	1	79	31	.1329	*	.0618		******		******
AZ	GILA CO	030300901F 2	92	7	1	81	50	.4588		.3670		.3387		.3274
AZ	GRAND CANYON NAT PARK	030370001A 3	90	7	1	81	23	.1093	*	.0378		.0066		******
AZ	GREENLEE CO	030380001F 2	92	7	1	80	56	.4064		.3707		.3112		******
AZ	HOLBROOK	030400006F 2	92	7	1	80	26	.1077	*	.0260		******		******
AZ	KINGMAN	030420001F 1	92	7	1	80	33	.1936	*	.1267		.0410		******
AZ	MIAMI	030480001F 2	92	7	1	79	57	.3907		.3055		.2695		.2421
AZ	MOHAVE CO	030500013F 1	92	7	1	80	53	.0996		.0961		.0955		******
AZ	NAVAJO CO	030520007F 1	92	7	1	79	56	.1459		.1439		.1108		.0622
AZ	NOGALES	030540003F 1	92	7	1	81	38	.2203	*	.1284	*	******		******
AZ	PHOENIX	030600002A 1	90	7	1	82	27	.2408		.2022		.0066		.0066
AZ	PIMA CO	030620017F 2	92	7	1	81	51	.2094		.1755		.1651		.1647
AZ	PINAL CO	030640001F 1	92	7	1	81	47	.1157		.1144		.1141		******
AZ	PRESCOTT	030660001F 1	92	7	1	80	45	.2060	*	.1198		.1174		******
AZ	SAFFORD	030680001F 1	92	7	1	80	57	.1607		.1515		.0957		******
AZ	SAN MANUEL	030700001F 2	92	7	1	80	50	.1872		.1223		.0794		******
AZ	SIERRA VISTA	030760001F 1	92	7	1	79	57	.1618		.1412		.0608		******
AZ	SUPERIOR	030800003F 1	92	7	1	80	42	.1450		.1330		.1314		******
AZ	TUCSON	030860001A 1	90	7	1	82	30	.0316		.0066		.0066		.0066
AZ	YAVAPAI CO	030940002F 3	92	7	1	80	44	.1686		.1164	*	.1080	*	.0963
AZ	YUMA	030960002F 1	92	7	1	80	54	.2026		.1552		.1420		******
AZ	YUMA CO	030980001F 1	92	7	1	80	31	.1484	*	.1335		.0615		******
AR	LITTLE ROCK	041440001A 1	90	7	1	82	23	.0913	*	******		******		******
AR	MONTGOMERY CO	041760001A 3	90	7	1	82	22	.0767	*	******		******		******
CA	ANAHEIM	050230001A 1	90	7	1	82	31	.0841		.0628		.0429		.0066
CA	BAKERSFIELD	050520003A 1	90	7	1	82	28	.0590		.0066		******		******
CA	BERKELEY	050740001A 1	90	7	1	79	20	.0066	*	******		******		******

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Table B-17

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
CA	FRESNO	052800002A 1	90	7	1	79	20	.0066 *	******	******	******
CA	LOS ANGELES	054180103A 1	90	7	1	82	27	.2952	.2455	******	******
CA	ONTARIO	055380001A 1	90	7	1	79	21	.0066 *	.0066	******	******
CA	OXNARD	055560001A 1	90	7	1	82	29	.0181	.0066	******	******
CA	SACRAMENTO	056580001A 1	90	7	1	82	29	.0390	.0066	.0066	******
CA	SAN BERNARDINO	056680001A 1	90	7	1	79	20	.0066 *	******	******	******
CA	SAN DIEGO	056800004A 1	90	7	1	82	27	.1442	.0510	.0066	******
CA	SAN FRANCISCO	056860004A 1	90	7	1	82	31	.1058	.0421	******	******
CA	SAN JOSE	056980004A 1	90	7	1	82	31	.0631	.0189	.0066	.0066
CA	SANTA ANA	057180001A 1	90	7	1	79	20	.0066 *	******	******	******
CO	ADAMS CO	060020001F 1	92	C	1	82	10	.0710	******	******	******
CO	COLORADO SPRINGS	060380007F 1	92	C	1	82	12	.0300	******	******	******
CO	DENVER	060580003F 1	92	C	1	82	12	2.6550	.1575	.1140	.0788
CO	GRAND JUNCTION	060980010F 1	92	C	1	82	10	.0420	******	******	******
CO	MESA VERDE NAT PARK	061530003A 3	90	7	1	82	30	.0124	******	******	******
CO	PUEBLO	061820001F 1	92	C	1	82	12	.0875	******	******	******
CT	BRIDGEPORT	070060001A 1	90	7	1	79	27	.1858	******	******	******
CT	NEW HAVEN	070700123A 1	90	7	1	79	27	.0066	******	******	******
CT	WATERBURY	071240123A 1	90	7	1	79	27	.0298	******	******	******
DE	WILMINGTON	080260005A 1	90	7	1	82	23	.0570 *	******	******	******
DC	WASHINGTON	090020017A 1	90	7	1	82	24	.0615 *	******	******	******
FL	DAVIE	100910002A 1	90	7	1	82	27	.0249	.0066	.0066	.0066
FL	HIALEAH	101760001A 1	90	7	1	82	21	.0304	******	******	******
FL	JACKSONVILLE	101960049A 1	90	7	1	81	24	.3877	.2631	.0066	******
FL	ORLANDO	103280003A 1	90	7	1	81	30	.1979	.0443 *	******	******
FL	PALM BEACH CO	103420005A 1	90	7	1	82	28	.0177	.0066	******	******
FL	PENSACOLA	103540015A 1	90	7	1	82	29	.0213	.0066	******	******
FL	ST PETERSBURG	103980012A 1	90	7	1	81	20	.2490 *	.2453 *	.1415	******
FL	TAMPA	104360002A 1	90	7	1	82	29	.1235	.0360	.0274	.0066
GA	ATLANTA	110200001A 1	90	7	1	82	29	.1971	.1832	.0423	******
GA	COLUMBUS	111280001A 1	90	7	1	81	29	.1253	.0397	.0303	******
HI	HAWAII CO	120080001A 3	90	7	1	82	21	.0215 *	.0066	******	******
HI	HONOLULU	120120001A 1	90	7	1	82	30	.0183	.0066	.0066	******
IL	ELMHURST	142300001A 1	90	7	1	81	25	.0066 *	******	******	******
IL	GRANITE CITY	142960016A 1	90	7	1	81	22	.3165 *	******	******	******
IL	JOLIET	143760002A 1	90	7	1	81	20	.0066 *	******	******	******
IL	PEORIA	146080001A 1	90	7	1	81	22	.0386 *	******	******	******
IL	ROCKFORD	146680010A 1	90	7	1	81	27	.0885	******	******	******
IN	EVANSVILLE	151300006A 1	90	7	1	79	21	.0066 *	.0066 *	.0066	******
IN	FORT WAYNE	151380003A 1	90	7	1	82	31	.0733	******	******	******

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Table B-17

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
IN	GARY	151520016A 1	90	7	1	82	29	.1586		.0066		******		******
IN	HAMMOND	151780001A 1	90	7	1	79	23	.2859	*	.1048		.0878		******
IN	INDIANAPOLIS	152040006A 1	90	7	1	82	30	.0645		.0588	*	******		******
IN	MONROE CO	152800002A 3	90	7	1	82	27	.0156	*	.0066	*	.0066	*	.0066
IN	SOUTH BEND	153880002A 1	90	7	1	82	28	.1427		.0066		.0066		.0066
IN	TERRE HAUTE	154080001A 1	90	7	1	79	20	.0066	*	.0066	*	.0066		******
IA	CEDAR RAPIDS	160640018A 2	90	7	1	81	29	.0388		.0291		.0066		******
IA	DAVENPORT	161060010A 1	90	7	1	82	27	.1412		.0066	*	.0066	*	.0066
IA	DES MOINES	161180001A 1	90	7	1	82	30	.0177		.0066		.0066		.0066
IA	DUBUQUE	161260008A 1	90	7	1	80	20	.0066	*	.0066		******		******
IA	WATERLOO	163760008A 1	90	7	1	81	30	.0066		******		******		******
KS	KANSAS CITY	171800015A 1	90	7	1	81	29	.0763		.0066	*	.0066		.0066
KS	TOPEKA	173560007A 1	90	7	1	80	24	.0066		.0066		******		******
KY	ASHLAND	180080003F 1	92	C	1	81	9	.1593		.1177		******		******
KY	BALLARD CO	180100003F 1	92	C	1	79	12	.0557		******		******		******
KY	BOONE CO	180280002F 1	92	C	1	81	9	.1102		.0675		******		******
KY	BUECHEL	180430001G 1	92	C	1	81	12	.1181		.0904		******		******
KY	CARROLL CO	180580001F 3	92	C	1	79	10	.0570		******		******		******
KY	CATLETTSBURG	180660001F 1	92	C	1	79	12	.1717		******		******		******
KY	COVINGTON	180800001A 1	90	7	1	81	23	.3157	*	.1968		.1824		.1333
KY	ELIZABETHTOWN	181040002F 1	92	C	1	81	9	.0856		.0658		******		******
KY	FLORENCE	181220001F 1	92	C	1	79	11	.0902		******		******		******
KY	FORT THOMAS	181260001F 1	92	C	1	79	10	.1172		******		******		******
KY	HENDERSON	181740008F 1	92	C	1	79	9	.0907		.0673		******		******
KY	JEFFERSON CO	181920013G 1	92	C	1	81	12	.1889		.1323		.1161		.1103
KY	LEXINGTON-FAYETTE	182300003A 1	90	7	1	81	28	.1985		.0546		.0348		.0066
KY	LOUISVILLE	182380020G 1	92	C	1	81	12	.2891		.2638		.1752		.1680
KY	MC CRACKEN CO	182460001F 2	92	C	1	79	9	.0433		******		******		******
KY	OKOLONA	183090001G 1	92	C	1	81	12	.2246		.1580		******		******
KY	OLDHAM CO	183100002F 1	92	C	1	79	10	.0656		******		******		******
KY	OWENSBORO	183140001F 1	92	C	1	79	12	.0781		******		******		******
KY	PADUCAH	183180020F 1	92	C	1	79	12	.0722		******		******		******
KY	PIKEVILLE	183320001F 1	92	C	1	79	10	.0462		******		******		******
KY	PLEASURE RIDGE PARK	183360001G 1	92	C	1	81	12	.2257		.0780		******		******
KY	ST MATTHEWS	183620004G 1	92	C	1	81	12	.1339		.0992		******		******
KY	SHELBYVILLE	183700001F 1	92	C	1	79	11	.0736		******		******		******
KY	SHIVELY	183720002G 1	92	C	1	81	11	.1610		.1302		******		******
LA	BATON ROUGE	190280002A 1	90	7	1	81	28	.2946		.0946		.0373		******
LA	IBERVILLE PAR	191280002A 1	90	7	1	80	29	.1234		******		******		******
LA	NEW ORLEANS	192020002A 1	90	7	1	80	28	.2077		.0512		.0420		******

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Table B-17

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
LA	SHREVEPORT	192740001A 1	90	7	1	80	29	.2541	.1224	.0397	******
ME	PORTLAND	200960012A 1	90	7	1	81	30	.2820	.0170	.0066	******
MD	BALTIMORE	210120001A 1	90	7	1	79	26	.0066	******	******	******
MD	CALVERT CO	210280001A 3	90	7	1	79	25	.0066	******	******	******
MD	DUNDALK	210620001A 1	90	7	1	82	22	.2130 *	******	******	******
MA	BOSTON	220240012A 1	90	7	1	79	20	.0316 *	******	******	******
MA	CAMBRIDGE	220360001A 1	90	7	1	79	21	.0375 *	******	******	******
MA	FALL RIVER	220580001A 1	90	7	1	80	23	.1258 *	******	******	******
MA	NEW BEDFORD	221500002A 1	90	7	1	80	28	.0702	.0066	******	******
MA	SPRINGFIELD	222160002A 1	90	7	1	79	23	.0281 *	******	******	******
MA	WORCESTER	222640004A 1	90	7	1	80	28	.1056	.0066	******	******
MI	DETROIT	231180015A 1	90	7	1	81	23	.3696 *	.1415 *	******	******
MI	FLINT	231580006A 1	90	7	1	81	29	.3071	.0987	******	******
MI	LANSING	232840001A 1	90	7	1	81	25	.3239 *	.1230	******	******
MN	DULUTH	241040017A 1	90	7	1	81	30	.0855	.0066	.0066	******
MN	MINNEAPOLIS	242260050A 1	90	7	1	81	30	.0066	******	******	******
MN	ST PAUL	243300017A 1	90	7	1	81	30	.1025	******	******	******
MT	ANACONDA-DEER LODGE CO	270020007F 1	92	7	1	79	20	.5350 *	******	******	******
MT	CASCADE CO	270220302J 3	92	7	3	80	27	.1000 *	.1000 *	******	******
MT	LEWIS AND CLARK CO	270860719F 2	90	7	1	83	25	1.8736 *	1.6896 *	1.2290 *	1.0140 *
NE	LINCOLN	281560012A 1	90	7	1	81	28	.0066	******	******	******
NE	OMAHA	281880034A 1	90	7	1	82	26	.0683	.0315	.0066	.0066
NV	LAS VEGAS	290320001A 1	90	7	1	79	25	.0066 *	.0066	.0066	******
NV	RENO	290480001A 1	90	7	1	82	29	.0457	.0311	.0066	.0066
NV	WHITE PINE CO	290560001A 3	90	7	1	82	28	.0144	.0066 *	.0066	.0066
NJ	BAYONNE	310180001A 1	90	7	1	80	24	.0893	******	******	******
NJ	CAMDEN	310720005A 1	90	7	1	81	30	.2150	.1627	******	******
NJ	CAMDEN CO	310740006A 1	90	7	1	81	22	.1185 *	******	******	******
NJ	ELIZABETH	311300002A 1	90	7	1	80	23	.1596 *	.0066	******	******
NJ	GLASSBORO	311700001A 1	90	7	1	79	22	.0066 *	******	******	******
NJ	JERSEY CITY	312320001A 1	90	7	1	81	20	.3252 *	.1488	******	******
NJ	NEWARK	313480001A 1	90	7	1	81	21	.2518 *	.0883	.0487	******
NJ	PATERSON	314140005A 1	90	7	1	81	28	.0066	******	******	******
NJ	TRENTON	315400001A 1	90	7	1	80	21	.1470 *	******	******	******
NM	ALBUQUERQUE	320040001A 1	90	7	1	80	25	.1317	.0066	.0066	.0066 *
NY	BUFFALO	330660001A 1	90	7	1	81	22	.2156 *	.1408 *	.0158	******
NY	ENDICOTT	331980004A 1	90	7	1	82	30	.1601	******	******	******
NY	NEW YORK CITY	334680079A 1	90	7	1	82	24	.1438	******	******	******
NY	NIAGARA FALLS	334740001A 1	90	7	1	81	22	.4141 *	.0426	.0066	.0066
NY	ROCHESTER	335760001A 1	90	7	1	81	29	.3601	.0966	.0566 *	******

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-17

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
NY	SYRACUSE	336620013A 1	90	7	1	82	28	.0350		.0066		.0066		******
NY	UTICA	336880001A 1	90	7	1	82	24	.0710	*	.0345		.0188		.0066
NY	YONKERS	337620001A 1	90	7	1	80	27	.0396		.0066		******		******
NC	CHARLOTTE	340700001A 1	90	7	1	82	28	.1228		.0288		.0066		******
NC	DURHAM	341160001A 1	90	7	1	81	29	.1423		.0442		.0066		.0066
NC	GREENSBORO	341740009A 1	90	7	1	82	26	.0320	*	******		******		******
NC	MOREHEAD CITY	342720002A 1	90	7	1	81	25	.3730	*	.0202		.0066		.0066
NC	RALEIGH	343240003A 1	90	7	1	82	27	.0255		******		******		******
NC	WINSTON-SALEM	344460002A 1	90	7	1	79	25	.0066		******		******		******
OH	AKRON	360060014A 1	90	7	1	82	31	.0845		.0669		.0066		.0066
OH	CANTON	361000001A 1	90	7	1	80	20	.1412	*	.0910	*	.0507		.0066
OH	CINCINNATI	361220001A 1	90	7	1	79	28	.5896		.4011		.3639	*	.2496
OH	CLEVELAND	361300001A 1	90	7	1	81	22	.2623	*	.2025	*	.1461		.0287
OH	COLUMBUS	361460001A 1	90	7	1	81	28	.4650		.3189		.2402		.0677
OH	DAYTON	361660014A 1	90	7	1	81	25	.2741	*	.1429		.0709		******
OH	MANSFIELD	363840008A 1	90	7	1	80	28	.1291		.0066		******		******
OH	PORTSMOUTH	365620002A 1	90	7	1	80	29	.0429		.0066		.0066		******
OH	STEUBENVILLE	366420012A 1	90	7	1	79	28	.0238		.0066		******		******
OH	TOLEDO	366600006A 1	90	7	1	82	30	.0801		.0066	*	.0066		******
OH	YOUNGSTOWN	367760001A 1	90	7	1	80	21	.1277	*	.1242		.0991		.0066
OK	MIDWEST CITY	371940006A 1	90	7	1	82	26	.0147		.0066		******		******
OK	OKLAHOMA CITY	372200035A 1	90	7	1	80	30	.0066		******		******		******
OR	PORTLAND	381460015A 2	90	7	1	82	31	.1117		.0215		.0066		.0066
PA	ALLENTOWN	390120003A 1	90	7	1	82	24	.0770	*	******		******		******
PA	BETHLEHEM	390780725A 2	90	7	1	82	21	.1040	*	******		******		******
PA	PHILADELPHIA	397140031A 1	90	7	1	82	27	.2722	*	.2074		******		******
PA	READING	397620015A 1	90	7	1	82	22	.0624	*	******		******		******
PA	SCRANTON	398040208A 1	90	7	1	82	20	.0603	*	******		******		******
PA	SHOYERSVILLE	398880206A 1	90	7	1	82	22	.0520		******		******		******
PR	GUAYANILLA CO	401100003A 1	90	7	1	79	22	.0066	*	.0066		.0066	*	.0066
PR	GUAYNABO CO	401140001A 1	90	7	1	80	27	.0066		.0066		******		******
PR	LEVITTOWN	401530001A 1	90	7	1	82	30	.0923		******		******		******
PR	PONCE	401920002A 1	90	7	1	82	27	.0428		.0066		.0066		.0066
PR	SAN JUAN CO	402160003A 1	90	7	1	79	26	.0066		******		******		******
PR	TOA BAJA CO	402320003A 1	90	7	1	80	20	.0355	*	.0284		******		******
RI	EAST PROVIDENCE	410120008A 1	90	7	1	80	30	.0946		.0066		******		******
RI	KENT CO	410140002A 5	90	7	1	79	23	.0066	*	******		******		******
RI	PROVIDENCE	410300017A 1	90	7	1	81	27	.3723	*	******		******		******
SC	CHARLESTON CO	420560003A 2	90	7	1	81	28	.5395		.0288		.0066		.0066
SC	COLUMBIA	420760006A 1	90	7	1	82	29	.1022		******		******		******

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DATE - 041984

Table B-17

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
SC	GREENVILLE .	421180004A 1	90	7	1	81	29	.4825	.0326	.0066	******
SD	CUSTER CO	430420001A 3	90	7	1	82	30	.0227	******	******	******
SD	HOT SPRINGS	430780001A 3	90	7	1	81	29	.0066	******	******	******
TN	CHATTANOOGA	440380020A 1	90	7	1	81	30	.6396	.5830	.3797	.3651
TN	KINGSPORT	441700001F 1	92	7	1	81	31	.0967 *	******	******	******
TN	MEMPHIS	442340013A 1	90	7	1	80	26	.0066 *	.0066	******	******
TN	NASHVILLE-DAVIDSON	442540002A 1	90	7	1	81	27	.2126	.0713	******	******
TX	ABILENE	450010001F 1	96	7	1	81	55	.0500	.0400	.0400	.0300
TX	ALVIN	450060001F 1	96	7	1	79	36	.0400	.0400 *	.0300	******
TX	AMARILLO	450070002F 1	96	7	1	81	44	.0800	.0600	******	******
TX	ARLINGTON	450170004F 3	96	7	1	80	52	.0700	.0700	.0600	.0400 *
TX	AUSTIN	450220004F 2	96	7	1	79	40	.0500 *	.0500	.0500	.0400 *
TX	BAYTOWN	450320002F 1	96	7	1	81	55	.1100	.0800 *	.0800 *	.0600
TX	BEAUMONT	450330009F 1	96	7	1	81	51	.1300	.0900 *	.0600	.0500
TX	BIG SPRING	450440002F 1	96	7	1	81	39	.0400	.0300 *	.0300	******
TX	BRIDGEPORT	450600001F 3	96	7	1	79	44	.0800 *	.0300	.0200	******
TX	BROWNSVILLE	450650003F 1	96	7	1	80	29	.1500 *	.1000	.0700	.0400 *
TX	BROWNWOOD	450660002F 1	96	7	1	81	59	.0400	.0300	.0300	******
TX	CALHOUN CO	450720001F 1	96	7	1	80	20	.0200 *	******	******	******
TX	CHAMBERS CO	450860001F 3	96	7	1	81	39	.2600 *	.1000	******	******
TX	CLUTE	450950003F 1	96	7	1	81	51	.0700	.0600	******	******
TX	COLLIN CO	451020001F 1	96	7	1	81	34	.0300 *	******	******	******
TX	CORPUS CHRISTI	451150023F 1	96	7	1	81	33	.1700 *	.0900	.0800 *	.0800 *
TX	CORSICANA	451160001F 1	96	7	1	81	42	.0500 *	******	******	******
TX	DALLAS	451310002F 1	96	7	1	81	21	.0600 *	.0500	.0500	.0400
TX	DEER PARK	451370003F 1	96	7	1	81	30	.0600 *	******	******	******
TX	DENISON	451400001F 1	96	7	1	81	42	.0500	******	******	******
TX	DENTON	451410001F 1	96	7	1	81	25	.0400 *	******	******	******
TX	ELLIS CO	451690001F 1	96	7	1	81	40	.0600 *	******	******	******
TX	EL PASO	451700027F 1	96	7	1	79	25	.6200 *	.5700	.5200	.3955 *
TX	EL PASO CO	451710005F 1	96	7	1	79	51	.1200	.1200	.0600	.0500
TX	EULESS	451744001F 1	96	7	1	80	58	.0400	.0300	******	******
TX	FORT WORTH	451880003F 1	96	7	1	81	49	.1100 *	.0800	.0700	.0700
TX	GARLAND	452000002F 1	96	7	1	81	31	.0400 *	.0300 *	.0200	******
TX	GRAND PRAIRIE	452130002F 1	96	7	1	79	55	.0500	.0500	.0300	******
TX	GREGG CO	452180001F 3	96	7	1	79	58	.0300	.0300	.0300	******
TX	HARLINGEN	452320001F 1	96	7	1	79	40	.0200	.0200	.0200 *	******
TX	HARRIS CO	452330026F 1	96	7	1	81	45	.1600	.0900 *	.0600	.0600 *
TX	HIDALGO CO	452460002F 1	96	7	1	79	28	.0200 *	.0200 *	******	******
TX	HOUSTON	452560034F 1	96	7	1	81	33	.1500 *	.1400 *	.1100	.0900

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table B-17

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	IRVING	452670002F 1	96	7	1	81	49	.0500		.0400		.0400		.0300	
TX	JEFF DAVIS CO	452740003F 3	96	7	1	80	24	.0200	*	.0100		******		******	
TX	JOHNSON CO	452790001F 1	96	7	1	81	42	.0200	*	******		******		******	
TX	LA PORTE	453130002F 1	96	7	1	80	56	.0500		.0400		******		******	
TX	LAREDO	453140013F 1	96	7	1	79	31	.0600		.0300	*	******		******	
TX	LEAGUE CITY	453170001F 1	96	7	1	81	34	.0600		.0400		******		******	
TX	LEWISVILLE	453210001F 1	96	7	1	81	26	.0400	*	.0300		.0300		******	
TX	LUBBOCK	453340001F 1	96	7	1	79	20	.0400	*	.0400		.0300		.0300	
TX	MC ALLEN	453390001F 1	96	7	1	79	49	.0300		.0300	*	******		******	
TX	MIDLAND	453620001F 1	96	7	1	79	40	.0600		.0500	*	.0300		******	
TX	MOUNT PLEASANT	453770001F 1	96	7	1	81	53	.0500		.0400		.0400		******	
TX	NEW BRAUNFELS	453850001F 1	96	7	1	81	39	.0300	*	.0200	*	******		******	
TX	ODESSA	453910001F 1	96	7	1	81	45	.1400		.0700		.0600		.0500	
TX	PASADENA	454060002F 1	96	7	1	81	51	.1300		.0400		.0300	*	******	
TX	PORT ARTHUR	454190009F 1	96	7	1	80	37	.0500	*	.0400		.0300	*	******	
TX	SAN ANTONIO	454570034F 1	96	7	1	81	58	.1100		.0800		.0600		.0400	*
TX	SAN BENITO	454600001F 1	96	7	1	79	27	.0400	*	.0300	*	******		******	
TX	SAN MARCOS	454640002F 1	96	7	1	81	57	.0400		.0300	*	.0300		******	
TX	SAN PATRICIO CO	454650002F 1	96	7	1	81	31	.0400	*	.0300		******		******	
TX	SEABROOK	454715001F 1	96	7	1	79	32	.0600	*	.0600	*	.0500		******	
TX	SHERMAN	454790003F 1	96	7	1	79	25	.0600	*	.0500	*	******		******	
TX	TARRANT CO	455070001F 1	96	7	1	79	56	.0300		.0300		******		******	
TX	TEXARKANA	455160003F 1	96	7	1	79	53	.0400		.0400		.0400		******	
TX	TEXAS CITY	455170053F 1	96	7	1	81	57	.0700		.0600		.0500		.0500	*
TX	TOM GREEN CO	455200001F 3	96	7	1	80	20	.1000	*	.0400		.0200		******	
TX	TRAVIS CO	455210002F 3	96	7	1	79	31	.0200	*	.0200	*	******		******	
TX	TYLER	455240002F 1	96	7	1	81	55	.0600		.0400		.0400		******	
TX	VICTORIA	455340001F 1	96	7	1	79	21	.0400	*	.0300	*	******		******	
TX	WACO	455370007F 1	96	7	1	79	60	.0300		.0300		.0200		******	
TX	WAXAHACHIE	455420003F 1	96	7	1	79	50	.0300		.0300		******		******	
TX	WESLACO	455460001F 3	96	7	1	80	38	.0200	*	.0200	*	.0100		******	
TX	WICHITA FALLS	455560002F 1	96	7	1	79	27	.0600		.0400		.0400		******	
VT	ORANGE CO	470360001A 3	90	7	1	81	22	.3285	*	.0066		******		******	
VA	DANVILLE	480920009A 2	90	7	1	79	27	.0066		.0066	*	******		******	
VA	HAMPTON	481440006A 1	90	7	1	82	31	.0367		.0066		******		******	
VA	NORFOLK	482140016A 1	90	7	1	82	31	.1190		.0689		.0485		.0066	
VA	RICHMOND	482660020A 1	90	7	1	82	25	.0217	*	******		******		******	
VA	SALEM	482800001A 1	90	7	1	82	31	.0673		******		******		******	
VA	SHENANDOAH NAT PARK	482890001A 3	90	7	1	79	29	.0066		.0066		.0066		******	
WA	SEATTLE	491840057A 2	90	7	1	82	31	.1063		.0602		.0319		.0066	

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Table B-17

DATE - 041984

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ZINC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD	4TH
WA	SPOKANE	492040001A 1	90	7	1	79	25	.0066	*	.0066	*	.0066	******
WA	TACOMA	492140004A 2	90	7	1	79	22	.0921	*	.0855		.0668	.0066
WV	CHARLESTON	500280005A 1	90	7	1	82	22	.0702	*	******		******	******
WI	DOOR CO	510780002A 3	90	7	1	81	29	.4784		.0792		.0066	******
WI	EAU CLAIRE	510840002A 1	90	7	1	79	29	.0066		.0066	*	******	******
WI	KENOSHA	511540003A 1	90	7	1	80	28	.0793		.0578		******	******
WI	MADISON	511860024A 1	90	7	1	81	28	.5100		.1366		.0228	.0066
WI	MILWAUKEE	512200099A 1	90	7	1	81	28	.5194		.4509		.0942	.0834
WI	RACINE	512880002A 1	90	7	1	80	30	.0244		.0066		******	******
WI	SUPERIOR	513480006A 1	90	7	1	79	28	.0066		.0066	*	******	******
WY	TETON CO	520720001A 3	90	7	1	82	24	.0095	*	.0066		******	******
VI	CHARLOTTE AMALIE	550010002A 2	90	7	1	79	20	.0066	*	.0066	*	******	******

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Figure B-14. Air Quality Sites for (42604) Ammonia – Any Data

SASD OAQPS 28 Mar 1984

Figure B-15. Air Quality Sites for (12112) Chromium – Any Data

SASD OAQPS 28 Mar 1984

Figure B-16. Air Quality Sites for (12114) Copper – Any Data

SASD OAQPS 28 Mar 1984

Figure B-17. Air Quality Sites for (12167) Zinc – Any Data

SASD OAQPS 28 Mar 1984

Appendix A SUPPLEMENTAL POLLUTANTS

This attachment summarizes arsenic and benzene data. The arsenic data is taken from the National Aerometric Data Bank's (NADB) Storage and Retrieval of Aerometric Data (SAROAD). It is summarized according to the format specified in Section 7.2 of the main body of this report. The location of the sites are shown on Figure 1. One hundered and thirty-nine cities have at least one site with an annual arithmetic mean and 20 cities have at least two sites with annual arithmetic means (Table 1).

The benzene data is taken from the air toxic data base, consisting of volatile organic chemicals, compiled by Dr. Hanwant B. Singh. The data is summarized according to the format specified in Section 7.1 of the main body of the report. The location of the sites are shown in Figure 2. Of the 94 sites reporting one or more 24-hour observations, 41 sites have at least one valid quarter and 9 have a valid annual average (Table 2).

Table 1. Summary of Quarterly and Annual Average Statistics for Benzene

POLLUTANT(001): BENZENE

CITY	SITE	DAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
AL BIRMINGHAM	SR	DA D J	2.00	77			10	2.73						
AR EL DORADO	SR	DA D J	2.00	78			8	159.	3	414.				
AZ GRAND CANYON	RE	LT D J	4.00	77							7	ZERO		
AZ PHOENIX	UR	DA B B	1.00	79			10	15.3						
CA AZUSA	UR	IA E B	1.00	75					17	13.1				
CA DOMINGUEZ	SR	HR D J	2.00	76			1	34.2						
CA EL MONTE	UR	IA E B	1.00	75					40	17.1				
CA LONG BEACH	UR	IA E B	1.15	75			10	10.2	10	8.83			2	9.52
CA LOS ANGELES	UR	DA B B	1.00	79			9	19.2						
CA LOS ANGELES	SR	HR D J	2.00	76			1	18.4						
CA NEWBURY PARK	SU	DA A H	1.00	78			3	6.01						
CA OAKLAND	UR	DA B B	1.00	79			1	3.45	8	4.89				
CA RICHMOND	SR	DA D B	1.00	77	1	6.38								
CA RIVERSIDE	UR	DA B B	1.00	80					11	12.2				
CA TORRANCE	UR	HR D J	2.00	76			1	13.6						
CA UPLAND	UR	IA E B	1.12	75			8	17.6	17	18.4			2	18.0
CA UPLAND	SR	DA D J	2.00	77					19	17.0				
CO DENVER	UR	DA B B	1.00	80			11	13.8						
CO DENVER	UR	DA A B	1.08	73										
LA BATON ROUGE	SR	DA D J	2.00	77	3	3.10	8	0.59			34	11.1		
LA BATON ROUGE	SR	DA D J	2.00	77	1	1.33								
LA GEISMAR	SR	DA D J	2.00	77	1	1.12								
LA TAFT	SR	DA D B	1.00	77	1	15.3								
MO ST LOUIS	UR	DA B B	1.00	80			10	4.06						
NC CHAPEL HILL	SU	DA D J	2.00	80			1	5.89						
NJ BATSTO	UR	DA D B	1.38	79	5	0.72	6	2.36	15	1.48	16	2.58	4	1.79
NJ BOUND BROOK	SR	HR D J	2.00	76	1	9.00								
NJ BRIDGEWATER	UR	DA D B	1.00	78					4	4.65				
NJ CAMDEN	UR	DA D B	1.00	79			8	8.45	13	3.61	2	6.75	2	6.03
NJ CLIFTON	UR	HR D J	3.00	76	1	ZERO								
NJ EDISON	SR	DA D J	2.00	76	2	432.	2	15.7	1	33.2				
NJ ELIZABETH	UR	DA D B	1.11	79	13	29.3	11	14.4	16	30.6	14	14.7	4	22.3
NJ ELIZABETH	SR	DA D J	2.00	78					9	15.1				
NJ FORDS	SR	HR D J	2.00	76	1	3.07								
NJ HOBOKEN	SU	HR D J	3.00	76	1	ZERO								
NJ LINDEN	SR	DA D J	2.00	77			1	3.01						
NJ MIDDLESEX	UR	DA D B	1.00	78					4	2.87				
NJ NEWARK	UR	DA D B	1.00	78			21	9.25			4	6.18		
NJ NEWARK	UR	DA D B	1.04	79	8	7.06	12	5.76	15	4.15	15	5.55	4	5.63
NJ NEWARK	UR	HR D J	2.00	76	1	300.								
NJ PASSAIC	UR	HR D J	2.00	76	1	2.04								
NJ PATERSON	UR	HR D J	2.00	76	1	2.16								
NJ RUTHERFORD	UR	DA D B	1.00	78			15	7.95	6	35.7	9	16.5	3	20.0
NJ RUTHERFORD	UR	DA D B	1.08	79	10	16.0	7	8.44	14	5.99	15	10.8	4	10.3
NJ SOMERSET	UR	DA D B	1.00	78					6	14.2				
NJ SOUTH AMBOY	UR	DA D B	1.29	79	10	8.13	12	4.74	13	3.43	13	2.25	4	4.64
NV DESERT	RE	DA D J	2.00	79	1	0.37								
NV HENDERSON	SR	DA D J	2.00	79	1	11.4								
NV LAS VEGAS	UR	DA D J	2.00	79	1	17.1								

Table 1. Summary of Quarterly and Annual Average Statistics for Benzene

POLLUTANT(001): BENZENE

CITY	SITE	DAT	SAM	QUAL	YR	QTR 1 CNT	QTR 1 AVERAGE	QTR 2 CNT	QTR 2 AVERAGE	QTR 3 CNT	QTR 3 AVERAGE	QTR 4 CNT	QTR 4 AVERAGE	ANNUAL QTRS	ANNUAL AVERAGE
NY STATEN IS	UR	HR	D J	2.00	76	1	2.27								
OH COLUMBUS	UR	DA	D B	1.00	78	1	17.8								
OH COLUMBUS	UR	DA	D B	1.00	78	1	5.10								
OH COLUMBUS	UR	DA	D B	1.00	78	1	12.4								
OH COLUMBUS	SR	DA	D B	1.00	77			1	2.97						
OH COLUMBUS	SR	DA	D B	1.00	77					2	2.49				
OH COLUMBUS	SR	DA	D B	1.00	77					1	2.42				
OK LIBERTY MOUND	RU	IA	B B	1.03	77					66	7.89				
OK OCHELATA	RU	IA	B B	1.00	77					5	6.03				
OK SKIATOOK	RU	IA	B B	1.33	77					6	4.69				
OK SPERRY	SU	DA	B B	1.00	77					9	11.6				
OK TULSA	UR	IA	B B	1.00	77					76	15.8				
OK TULSA	UR	IA	B B	1.00	77					73	12.5				
OK VERA	SU	IA	B B	1.00	77					6	10.9				
OK WYONA	RU	IA	B B	1.00	77					4	2.01				
PA CLAIRTON	SR	DA	D B	1.00	78					1	9.57				
PA PHILADELPHIA	UR	HR	A B	1.00	79					29	4.26				
PA PHILADELPHIA	SR	DA	D B	1.00	76							2	41.2		
PA PHILADELPHIA	SR	HR	A B	1.00	79					41	11.5				
TN SMOKEY MT NP	RE	DA	E B	1.00	78					1	2.85				
TX BEAUMONT	UR	DA	D J	2.00	80	1	40.3								
TX BURNETT	RE	DA	D J	2.00	77							1	9.57		
TX DEER PARK	SR	DA	D J	2.00	77							6	19.7		
TX DENVER CITY	SR	DA	D J	2.00	77							2	32.7		
TX DENVER CITY	SR	DA	D J	2.00	77							1	14.4		
TX DENVER CITY	SR	DA	D J	2.00	77							1	383.		
TX DENVER CITY	SR	DA	D J	2.00	77							4	160.		
TX DENVER CITY	SR	DA	D J	2.00	77							2	97.3		
TX DENVER CITY	SR	DA	D J	2.00	77							7	113.		
TX EL PASO	SR	DA	D J	2.00	78			15	5.99						
TX HOUSTON	SR	DA	D J	2.00	77					10	21.5				
TX HOUSTON	UR	DA	B B	1.00	80			10	18.1						
TX HOUSTON	UR	IA	A B	1.00	76					9	9.67				
TX HOUSTON	UR	IA	A B	1.00	76					9	10.0				
TX HOUSTON	UR	IA	A B	1.00	76					17	17.0				
TX HOUSTON	SR	DA	D B	1.00	77	1	22.5								
TX IRVING	SR	DA	D J	2.00	77							7	7.71		
TX MONROE CITY	RU	IA	A B	1.00	76					1	3.00				
UT MAGNA	SR	DA	D J	2.00	77							10	0.25		
WV BELLE	SR	IA	D J	2.00	75							1	400.		
WV NEAL	SR	DA	D B	1.00	78					1	10.5				
WV NEW MARTINSVI	SR	DA	D B	1.00	76							1	9.57		
WV NITRO	SR	IA	D J	2.00	75							1	150.		
WV S CHARLESTON	SR	IA	D J	2.00	75							1	140.		
WV S CHARLESTON	SR	DA	D J	2.00	77	10	0.05								

Table 2

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TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ARSENIC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
AL	BIRMINGHAM	010380003A 1	98	7	1	81	28	.0037		******		******		******	
AL	GADSDEN	011480003A 2	98	7	1	81	28	.0058		******		******		******	
AL	HUNTSVILLE	011860003A 1	98	7	1	81	29	.0032		.0027		******		******	
AL	MOBILE	012380002A 1	98	7	1	81	28	.0034		******		******		******	
AK	ANCHORAGE	020040003A 1	98	7	1	80	24	.0027	*	******		******		******	
AZ	AJO	030020001F 2	92	7	1	80	47	.0400		.0300		.0200		.0100	
AZ	APACHE CO	030040005F 1	92	7	1	79	45	.0100	*	.0100		.0100	*	.0100	*
AZ	BISBEE	030080001F 1	92	7	1	81	45	.0200		.0100		******		******	
AZ	CASA GRANDE	030100001F 1	92	7	1	81	56	.0200		.0100		.0100		******	
AZ	COCHISE CO	030180004F 2	92	7	1	83	28	.0500	*	.0300		.0200		.0200	
AZ	COCONINO CO	030200004F 2	92	7	1	79	52	.0100		.0100		.0100		.0100	
AZ	DOUGLAS	030240004F 1	92	7	1	81	21	.0200	*	.0200		.0098		******	
AZ	FLAGSTAFF	030280005F 1	92	7	1	79	31	.0100	*	.0100		.0100		******	
AZ	GILA CO	030300001F 2	92	7	1	83	27	.1900	*	.1600		.1200		.1100	
AZ	GRAND CANYON NAT PARK	030370002F 3	92	7	1	81	27	.0100		.0100		.0037		******	
AZ	GREENLEE CO	030380001F 2	92	7	1	82	61	.0200		.0200	*	.0100		.0100	
AZ	HOLBROOK	030400006F 2	92	7	1	80	26	.0100	*	.0100		.0100		******	
AZ	KINGMAN	030420001F 1	92	7	1	79	33	.0100		.0100	*	.0100		******	
AZ	MIAMI	030480001F 2	92	7	1	82	61	.0200		.0200	*	.0200		.0100	
AZ	MOHAVE CO	030500013F 1	92	7	1	79	54	.0100		.0100		.0100		******	
AZ	NAVAJO CO	030520002F 2	92	7	1	79	25	.0100	*	.0100		.0100		.0100	
AZ	NOGALES	030540003F 1	92	7	1	81	38	.0100	*	.0100	*	.0100	*	******	
AZ	PHOENIX	030600002A 1	98	7	1	81	27	.0098		.0041		******		******	
AZ	PIMA CO	030620005F 3	92	7	1	79	49	.0100		.0100		.0100		.0100	
AZ	PINAL CO	030640001F 1	92	7	1	81	47	.0400		.0200	*	.0100		******	
AZ	PRESCOTT	030660001F 1	92	7	1	79	57	.0100		.0100	*	.0100		.0100	
AZ	SAFFORD	030680001F 1	92	7	1	79	52	.0100		.0100		.0100		.0100	
AZ	SAN MANUEL	030700001F 2	92	7	1	82	61	.0300		.0200		.0100		.0100	
AZ	SIERRA VISTA	030760001F 1	92	7	1	80	41	.0200		.0100		.0100		.0100	
AZ	SUPERIOR	030800003F 1	92	7	1	79	57	.0100		.0100		.0100		******	
AZ	TUCSON	030860001A 1	98	7	1	81	26	.0080		.0048		******		******	
AZ	YAVAPAI CO	030940001F 2	92	7	1	79	25	.0100	*	.0100	*	.0100	*	.0100	*
AZ	YUMA	030960002F 1	92	7	1	79	61	.0100		.0100		.0100		.0100	
AZ	YUMA CO	030980001F 1	92	7	1	80	31	.0100	*	.0100		******		******	
CA	ANAHEIM	050230001A 1	98	7	1	81	30	.0037		.0029		******		******	
CA	BAKERSFIELD	050520003A 1	98	7	1	81	23	.0035	*	******	*	******		******	
CA	LOS ANGELES	054180103A 1	98	7	1	81	25	.0027		******		******		******	
CA	ONTARIO	055380001A 1	98	7	1	81	29	.0067		.0032		******		******	
CA	OXNARD	055560001A 1	98	7	1	81	26	.0033	*	******		******		******	
CA	SACRAMENTO	056580001A 1	98	7	1	81	24	.0029		******		******		******	

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

DATE - 042484

Table 2

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ARSENIC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
CA	SAN BERNARDINO	056680001A 1	98	7	1	79	20	.0072 *	******	******	******
CA	SAN DIEGO	056800004A 1	98	7	1	81	28	.0033	******	******	******
CA	SAN FRANCISCO	056860004A 1	98	7	1	81	23	.0027 *	******	******	******
CA	SAN JOSE	056980004A 1	98	7	1	81	30	.0041	.0027	******	******
CT	WATERBURY	071240123A 1	98	7	1	79	27	.0041	******	******	******
FL	DAVIE	100910002A 1	98	7	1	80	28	.0031	.0027	******	******
FL	JACKSONVILLE	101960049A 1	98	7	1	81	24	.0031	******	******	******
FL	ORLANDO	103280003A 1	98	7	1	81	30	.0032	******	******	******
FL	PALM BEACH CO	103420005A 1	98	7	1	81	30	.0027	******	******	******
FL	PENSACOLA	103540015A 1	98	7	1	81	30	.0030	******	******	******
FL	ST PETERSBURG	103980012A 1	98	7	1	80	28	.0027	.0027 *	******	******
FL	TAMPA	104360002A 1	98	7	1	81	24	.0037	.0027	******	******
GA	ATLANTA	110200001A 1	98	7	1	80	27	.0104	.0076 *	******	******
GA	COLUMBUS	111280001A 1	98	7	1	80	21	.0027 *	.0027	******	******
HI	HAWAII CO	120080001A 3	98	7	1	81	26	.0038	******	******	******
HI	HONOLULU	120120001A 1	98	7	1	79	29	.0027	.0027	******	******
IN	EVANSVILLE	151300006A 1	98	7	1	80	22	.0047 *	.0040	.0030	******
IN	GARY	151520001A 1	98	7	1	79	21	.0031 *	******	******	******
IN	HAMMOND	151780001A 1	98	7	1	79	23	.0044 *	.0044 *	.0032	******
IN	MONROE CO	152800002A 3	98	7	1	81	20	.0032 *	.0027	******	******
IN	SOUTH BEND	153880002A 1	98	7	1	81	25	.0049	.0035	******	******
IN	TERRE HAUTE	154080001A 1	98	7	1	81	27	.0032	.0031	******	******
IA	CEDAR RAPIDS	160640018A 2	98	7	1	80	27	.0036 *	.0032	******	******
IA	DAVENPORT	161060010A 1	98	7	1	81	30	.0033	.0031	.0027	******
IA	DES MOINES	161180001A 1	98	7	1	80	26	.0032	.0032	******	******
IA	DUBUQUE	161260008A 1	98	7	1	80	20	.0032 *	.0032	******	******
IA	WATERLOO	163760008A 1	98	7	1	81	30	.0034	******	******	******
KS	KANSAS CITY	171800011A 1	98	7	1	81	27	.0038 *	.0032	.0031	.0029
KS	TOPEKA	173560007A 1	98	7	1	81	29	.0032	.0027	******	******
KY	COVINGTON	180800001A 1	98	7	1	81	23	.0040 *	.0033	******	******
KY	LEXINGTON-FAYETTE	182300003A 1	98	7	1	80	26	.0044	.0029	******	******
KY	LOUISVILLE	182380035A 1	98	7	1	81	28	.0050	******	******	******
LA	BATON ROUGE	190280002A 1	98	7	1	81	27	.0030 *	.0027	******	******
LA	IBERVILLE PAR	191280002A 1	98	7	1	80	29	.0032	******	******	******
LA	NEW ORLEANS	192020002A 1	98	7	1	80	28	.0034	.0029	******	******
LA	SHREVEPORT	192740001A 1	98	7	1	80	29	.0035	.0030	******	******
ME	PORTLAND	200960012A 1	98	7	1	81	30	.0034	.0030	******	******
MD	BALTIMORE	210120001A 1	98	7	1	79	26	.0075	******	******	******
MA	WORCESTER	222640004A 1	98	7	1	79	27	.0029	******	******	******
MI	DETROIT	231180015A 1	98	7	1	81	23	.0050 *	.0044 *	******	******

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DATE - 042484

Table 2

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ARSENIC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
MI	FLINT	231580006A 1	98	7	1	81	29	.0049		******		******		******
MI	LANSING	232840001A 1	98	7	1	81	25	.0050	*	******		******		******
MN	DULUTH	241040017A 1	98	7	1	81	30	.0041		.0036		.0033		******
MN	MINNEAPOLIS	242260050A 1	98	7	1	81	30	.0029		******		******		******
MN	ST PAUL	243300017A 1	98	7	1	81	30	.0030		******		******		******
MT	ANACONDA-DEER LODGE CO	270020007F 1	92	7	1	80	27	.1100	*	.0900		******		******
MT	BILLINGS	270080059F 1	92	7	1	80	34	.0200	*	.0100	*	.0100		.0100
MT	BUTTE-SILVER BOW	270160005F 1	92	7	1	79	51	.0200		.0200		.0200	*	.0200
MT	DEER LODGE CO	270400004F 2	92	7	1	79	28	.1400	*	******		******		******
MT	GREAT FALLS	270660016F 1	92	7	1	79	84	.0100		.0100	*	******		******
MT	JEFFERSON CO	270760903F 2	92	7	1	79	46	.0200	*	******		******		******
MT	LEWIS AND CLARK CO	270860002F 2	92	7	1	81	24	.3100	*	.1900		.1600	*	.1100
MT	MISSOULA CO	271100001G 1	92	7	1	79	85	.0100		.0100	*	.0100		******
NE	LINCOLN	281560012A 1	98	7	1	81	28	.0027		******		******		******
NE	OMAHA	281880034A 1	98	7	1	80	30	.0229		.0169		.0145		******
NV	LAS VEGAS	290320001A 1	98	7	1	81	30	.0037		.0029		******		******
NV	RENO	290480001A 1	98	7	1	81	29	.0032		.0027		******		******
NV	WHITE PINE CO	290560001A 3	98	7	1	81	21	.0045	*	.0029		******		******
NJ	BAYONNE	310180001A 1	98	7	1	80	24	.0037		******		******		******
NJ	CAMDEN	310720005A 1	98	7	1	81	30	.0066		******		******		******
NJ	CAMDEN CO	310740006A 1	98	7	1	81	22	.0044	*	******		******		******
NJ	ELIZABETH	311300002A 1	98	7	1	79	22	.0041	*	.0030	*	******		******
NJ	GLASSBORO	311700001A 1	98	7	1	79	22	.0046	*	******		******		******
NJ	JERSEY CITY	312320001A 1	98	7	1	81	20	.0047	*	.0035		******		******
NJ	NEWARK	313480001A 1	98	7	1	79	26	.0047		.0036		.0034	*	******
NJ	PATERSON	314140005A 1	98	7	1	81	28	.0034		******		******		******
NJ	TRENTON	315400001A 1	98	7	1	80	21	.0034	*	******		******		******
NM	ALBUQUERQUE	320040001A 1	98	7	1	81	23	.0035		.0034	*	.0031		.0027
NY	BUFFALO	330660001A 1	98	7	1	81	21	.0052	*	.0031		******		******
NY	NIAGARA FALLS	334740001A 1	98	7	1	81	22	.0052	*	.0041		.0036		******
NY	ROCHESTER	335760001A 1	98	7	1	81	29	.0063		.0059		******		******
NY	SYRACUSE	336620001A 1	98	7	1	80	25	.0027		******		******		******
NY	UTICA	336880001A 1	98	7	1	80	20	.0027	*	.0027	*	******		******
NY	YONKERS	337620001A 1	98	7	1	79	21	.0041	*	.0027		******		******
NC	CHARLOTTE	340700001A 1	98	7	1	81	28	.0034		******		******		******
NC	DURHAM	341160001A 1	98	7	1	80	27	.0033		.0027		******		******
NC	MOREHEAD CITY	342720002A 1	98	7	1	81	24	.0046	*	.0029		******		******
OH	AKRON	360060014A 1	98	7	1	79	25	.0102		.0057		.0056		******
OH	CANTON	361000001A 1	98	7	1	80	20	.0067	*	.0057	*	.0046		******
OH	CINCINNATI	361220001A 1	98	7	1	79	28	.0062		.0057		.0052	*	.0042

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Table 2

DATE - 042484

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ARSENIC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST	2ND	3RD	4TH
OH	CLEVELAND	361300001A	1	98	7	1	81	22	.0066 *	.0056	.0047	******
OH	COLUMBUS	361460001A	1	98	7	1	80	25	.0068	.0056	.0045	******
OH	DAYTON	361660014A	1	98	7	1	81	25	.0045 *	.0042	******	******
OH	MANSFIELD	363840008A	1	98	7	1	80	28	.0042	******	******	******
OH	PORTSMOUTH	365620002A	1	98	7	1	80	29	.0044	.0036	******	******
OH	STEUBENVILLE	366420012A	1	98	7	1	79	28	.0124	.0093	******	******
OH	TOLEDO	366600006A	1	98	7	1	81	24	.0034 *	.0029	******	******
OH	YOUNGSTOWN	367760001A	1	98	7	1	79	26	.0115	.0094	.0089	******
OK	MIDWEST CITY	371940006A	1	98	7	1	81	30	.0029	******	******	******
OK	OKLAHOMA CITY	372200035A	1	98	7	1	80	30	.0027	******	******	******
OR	PORTLAND	381460015A	2	98	7	1	81	28	.0062	.0034	******	******
PR	GUAYANILLA CO	401100003A	1	98	7	1	79	22	.0027 *	.0027	.0027 *	.0027
PR	GUAYNABO CO	401140001A	1	98	7	1	80	27	.0088	.0088	******	******
PR	PONCE	401920002A	1	98	7	1	79	22	.0027	.0027	.0027	******
PR	SAN JUAN CO	402160003A	1	98	7	1	79	26	.0038	******	******	******
PR	TOA BAJA CO	402320002A	1	98	7	1	79	27	.0027	.0027 *	******	******
RI	EAST PROVIDENCE	410120008A	1	98	7	1	79	23	.0027 *	******	******	******
RI	PROVIDENCE	410300017A	1	98	7	1	81	27	.0031 *	******	******	******
SC	CHARLESTON CO	420560003A	2	98	7	1	80	27	.0030 *	.0030	******	******
SC	GREENVILLE	421180004A	1	98	7	1	81	29	.0044	******	******	******
SD	HOT SPRINGS	430780001A	3	98	7	1	81	28	.0029	******	******	******
TN	CHATTANOOGA	440380020A	1	98	7	1	80	31	.0040	.0039	.0036	.0031
TN	MEMPHIS	442340013A	1	98	7	1	81	29	.0071	.0035	******	******
TN	NASHVILLE-DAVIDSON	442540002A	1	98	7	1	81	27	.0040	******	******	******
TX	ABILENE	450010001F	1	96	7	1	79	53	.0300	.0300	.0200	.0200
TX	ALVIN	450060001F	1	96	7	1	79	36	.0300	.0300 *	.0200 *	******
TX	AMARILLO	450070002F	1	96	7	1	80	23	.0200 *	.0200	******	******
TX	ARLINGTON	450170004F	3	96	7	1	79	57	.0300	.0300	.0300	.0200
TX	AUSTIN	450220004F	2	96	7	1	79	40	.0400 *	.0300	.0300	.0300 *
TX	BAYTOWN	450320001F	1	96	7	1	79	49	.0300	.0300 *	.0300 *	.0300
TX	BEAUMONT	450330001F	1	96	7	1	81	53	.0300	.0300 *	.0300 *	.0300
TX	BIG SPRING	450440002F	1	96	7	1	79	46	.0300	.0200 *	.0200	******
TX	BRIDGEPORT	450600001F	3	96	7	1	79	44	.0300 *	.0200 *	.0200	******
TX	BROWNSVILLE	450650003F	1	96	7	1	79	33	.0400	.0400 *	.0300	.0300
TX	BROWNWOOD	450660002F	1	96	7	1	79	55	.0300	.0300	.0200	******
TX	CALHOUN CO	450720001F	1	96	7	1	80	20	.0200 *	******	******	******
TX	CHAMBERS CO	450860001F	3	96	7	1	79	35	.0300 *	.0300 *	******	******
TX	CLUTE	450950003F	1	96	7	1	79	32	.0300 *	.0300	******	******
TX	COLLIN CO	451020001F	1	96	7	1	81	34	.0300 *	******	******	******
TX	CORPUS CHRISTI	451150001F	1	96	7	1	79	21	.0300 *	.0300	.0300	.0300 *

* - AVG DID NOT SATISFY NADB MIN CRITERIA BUT HAD AT LEAST 20 OBS OR 3 QUARTERLY OR 9 MONTHLY COMPOSITE AVERAGES.
****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Table 2

DATE - 042484

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ARSENIC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH	
TX	CORSICANA	451160001F 1	96	7	1	81	42	.0300	*	******		******		******	
TX	DALLAS	451310002F 1	96	7	1	81	21	.0300	*	.0300		.0300		.0300	
TX	DEER PARK	451370003F 1	96	7	1	81	30	.0200	*	******		******		******	
TX	DENISON	451400001F 1	96	7	1	81	42	.0300		******		******		******	
TX	DENTON	451410001F 1	96	7	1	81	25	.0200	*	******		******		******	
TX	ELLIS CO	451690001F 1	96	7	1	81	40	.0300	*	******		******		******	
TX	EL PASO	451700022G 2	92	7	1	79	35	.9300	*	.2500	*	.2300		.2200	
TX	EL PASO CO	451710005F 1	96	7	1	79	51	.0500		.0400		.0400		.0300	
TX	EULESS	451744001F 1	96	7	1	79	46	.0300		.0300		******		******	
TX	FORT WORTH	451880003F 1	96	7	1	79	59	.0400		.0400	*	.0300		.0300	
TX	GARLAND	452000002F 1	96	7	1	79	49	.0300		.0300	*	.0300	*	******	
TX	GRAND PRAIRIE	452130002F 1	96	7	1	79	55	.0300		.0300		.0200		******	
TX	GREGG CO	452180001F 3	96	7	1	79	58	.0200		.0200		.0200		******	
TX	HARLINGEN	452320001F 1	96	7	1	79	40	.0300		.0200		.0200	*	******	
TX	HARRIS CO	452330003F 1	96	7	1	79	32	.0300	*	.0300	*	.0300		.0300	*
TX	HIDALGO CO	452460002F 1	96	7	1	80	30	.0300	*	.0200		******		******	
TX	HOUSTON	452560001F 1	96	7	1	81	27	.0300	*	.0300	*	.0300	*	.0300	*
TX	IRVING	452670001F 1	96	7	1	79	40	.0300		.0300	*	.0300		.0300	
TX	JEFF DAVIS CO	452740003F 3	96	7	1	79	32	.0200	*	.0200	*	******		******	
TX	JOHNSON CO	452790001F 1	96	7	1	81	42	.0200	*	******		******		******	
TX	LA PORTE	453130002F 1	96	7	1	79	53	.0300		.0300		******		******	
TX	LAREDO	453140013F 1	96	7	1	79	31	.0200		.0200	*	******		******	
TX	LEAGUE CITY	453170001F 1	96	7	1	79	50	.0300		.0300		******		******	
TX	LEWISVILLE	453210001F 1	96	7	1	79	57	.0300		.0300		.0200	*	******	
TX	LUBBOCK	453340023F 1	96	7	1	79	57	.0300		.0300		.0200		.0200	
TX	MC ALLEN	453390001F 1	96	7	1	79	49	.0300		.0200	*	******		******	
TX	MIDLAND	453620001F 1	96	7	1	79	40	.0300		.0300		.0200	*	******	
TX	MOUNT PLEASANT	453770001F 1	96	7	1	79	40	.0300		.0300		.0300		******	
TX	NEW BRAUNFELS	453850001F 1	96	7	1	81	39	.0300	*	.0200	*	******		******	
TX	ODESSA	453910001F 1	96	7	1	79	35	.0300	*	.0300		.0300		.0300	
TX	PASADENA	454060002F 1	96	7	1	81	51	.0300		.0300		.0200	*	******	
TX	PORT ARTHUR	454190009F 1	96	7	1	80	37	.0300	*	.0300		.0200	*	******	
TX	SAN ANTONIO	454570034F 1	96	7	1	79	28	.0300		.0300		.0300		.0300	
TX	SAN BENITO	454600001F 1	96	7	1	79	27	.0300	*	.0200	*	******		******	
TX	SAN MARCOS	454640002F 1	96	7	1	79	45	.0300		.0300	*	.0300		******	
TX	SAN PATRICIO CO	454650002F 1	96	7	1	81	31	.0300	*	.0200		******		******	
TX	SEABROOK	454715001F 1	96	7	1	79	32	.0300	*	.0300	*	.0200	*	******	
TX	SHERMAN	454790003F 1	96	7	1	79	25	.0400	*	.0300	*	******		******	
TX	TARRANT CO	455070001F 1	96	7	1	79	56	.0300		.0300		******		******	
TX	TEXARKANA	455160003F 1	96	7	1	79	53	.0300		.0300		.0300		******	

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

DATE - 042484

Table 2

TOXIC AIR DATA SUMMARY-FOUR HIGHEST ANNUAL AVERAGES

POLLUTANT - ARSENIC

ST	CITY NAME	SITE CODE	MTD	INT	UNT	YR	OBS	1ST		2ND		3RD		4TH
TX	TEXAS CITY	455170053F 1	96	7	1	80	44	.0700		.0600	*	.0500		.0500
TX	TOM GREEN CO	455200001F 3	96	7	1	79	22	.0300	*	.0300		.0200		******
TX	TRAVIS CO	455210002F 3	96	7	1	79	31	.0200	*	.0200	*	******		******
TX	TYLER	455240002F 1	96	7	1	79	58	.0300		.0300		.0300		******
TX	VICTORIA	455340001F 1	96	7	1	79	21	.0300	*	.0200	*	******		******
TX	WACO	455370007F 1	96	7	1	79	60	.0300		.0300		.0200		******
TX	WAXAHACHIE	455420003F 1	96	7	1	79	50	.0300		.0200		******		******
TX	WESLACO	455460001F 3	96	7	1	79	34	.0300		.0200	*	.0200	*	******
TX	WICHITA FALLS	455560002F 1	96	7	1	79	27	.0300		.0300		.0300		******
VT	ORANGE CO	470360001A 3	98	7	1	81	22	.0033	*	******		******		******
VA	DANVILLE	480920009A 2	98	7	1	79	27	.0027		.0027	*	******		******
VA	HAMPTON	481440006A 1	98	7	1	81	30	.0032		******		******		******
VA	NORFOLK	482140016A 1	98	7	1	81	30	.0042		.0034		.0027		******
VA	SHENANDOAH NAT PARK	482890001A 3	98	7	1	80	27	.0041		.0027		******		******
WA	SEATTLE	491840057A 2	98	7	1	79	20	.0569	*	.0396		.0316		.0239
WA	SPOKANE	492040001A 1	98	7	1	81	30	.0037		.0027		******		******
WA	TACOMA	492140004A 2	98	7	1	79	22	.0842	*	.0730		.0322		******
WI	DOOR CO	510780002A 3	98	7	1	80	24	.0027		.0027	*	******		******
WI	EAU CLAIRE	510840002A 1	98	7	1	79	29	.0029		.0027	*	******		******
WI	KENOSHA	511540003A 1	98	7	1	79	27	.0031		.0029		******		******
WI	MADISON	511860024A 1	98	7	1	80	31	.0033		.0033		******		******
WI	MILWAUKEE	512200099A 1	98	7	1	81	28	.0037		.0033		.0032		******
WI	RACINE	512880002A 1	98	7	1	80	30	.0030		******		******		******
WI	SUPERIOR	513480006A 1	98	7	1	80	23	.0038	*	******		******		******
WY	TETON CO	520720001A 3	98	7	1	81	25	.0034	*	******		******		******

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****** - ADDITIONAL ANNUAL AVERAGES UNAVAILABLE.

Figure 1. Air Quality Sites for (001) Benzene

SASD OAQPS 22 May 1984

Figure 2. Air Quality Sites for (12103) Arsenic – Any Data

SASD OAQPS 28 Mar 1984